ADV-2858

VALIDATED DATA FOR SDGs 175, 176, 177, 193, 195, 218, 221

OF THE
CAMP EDWARDS
IMPACT AREA GROUNDWATER STUDY

MASSACHUSETTS MILITARY RESERVATION
CAPE COD, MASSACHUSETTS

Prepared for

NATIONAL GUARD BUREAU
ARLINGTON, VIRGINIA

Prepared by

OGDEN ENVIRONMENTAL AND ENERGY SERVICES
239 Littleton Road, Suite 1B
Westford, Massachusetts 01886

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* No samples scheduled for EPA method/matrix
SDG's 175, 176, 177 are presented with Drinking Water Data

DATA VALIDATION QUALIFIER REFERENCE TABLE

Qualifier	Organics	Inorganics
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.	The associated value is an estimated quantity.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."	Not applicable.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	Not applicable.
UJ	The analyte was not deemed above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.	The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet quality control criteria. The presence or absence of the analyte cannot be verified.	The data are unusable. (Note: Analyte may or may not be present).

VALIDATION QUALIFICATION CODE REFERENCE TABLE

Qualifier	Organics	Inorganics
H	Holding times were exceeded.	Holding times were exceeded.
S	Surrogate recovery was outside QC limits.	The sequence or number of standards used for the calibration was incorrect.
C	Calibration %RSD or %D were noncompliant.	Correlation coefficient is <0.995.
R	Calibration RRF was <0.05.	%R for calibration is not within control limits.
B	Presumed contamination from preparation (method) blank.	Presumed contamination from preparation (method) or calibration blank.
L	Not applicable.	Laboratory Control Sample %R were not within control limits.
Q	MS/MSD recovery was poor or RPD high.	MS recovery was poor.
E	Not applicable.	Duplicates showed poor agreement.
I	Internal standard performance was unsatisfactory.	ICP ICS results were unsatisfactory.
A	Not applicable.	ICP Serial Dilution %D were not within control limits.
M	Tuning (BFB or DFTPP) was noncompliant.	Not applicable.
T	Presumed contamination from trip blank.	Not applicable.
+	False positive - reported compound was not present.	Not applicable.
-	False negative - compound was present but not reported.	Not applicable.
F	Presumed contamination from FB or ER.	Presumed contamination from FB or ER.
$	Reported result or other information was incorrect.	Reported result or other information was incorrect.
?	TIC identity or reported retention time has been changed.	Not applicable.
D	The analysis with this flag should not be used because another more technically sound analysis is available.	The analysis with this flag should not be used because another more technically sound analysis is available.
P	Instrument performance for pesticides was poor.	Post Digestion Spike recovery was not within control limits.
*#	Unusual problems found with the data that have been described in Section 1, "Data Validation Findings." The number following the asterisk (*) will indicate the subsection where a description of the problem can be found.	Unusual problems found with the data that have been described in Section 1, "Data Validation Findings." The number following the asterisk (*) will indicate the subsection where a description of the problem can be found.

Qualifier	Organics	Inorganics	Metals	GC/MS	GC/HPLC
U	This flag indicates the compound was analyzed for but not detected. The CRQL shall be adjusted according to the equation listed in Exhibit D. CRQL's are listed in Exhibit C.	If the analyte was analyzed for but not detected, a "U" shall be entered	Entered if the analyte was analyzed for but not detected, less than IDL.	Indicates compound was analyzed for but not detected above the reporting limit	Indicates compound was analyzed for but not detected above the reporting limit.
J	This flag indicates an estimated value. This flag is used (1) when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, (2) when the mass spectral and retention time data indicated the presence of a compound that meets the votatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL but greater than zero, and (3) when the retention time data indicate the presence of a compound that meets the pesticide/Aroclor identification criteria, and the result is less than the CRQL but greater than zero. For example, if the sample quantification limit is 10 ug/L, but a concentration of 3 ug/L is calculated, report it as 3J. NOTE: The J flag is not used and the compound is not reported as being identified for pesticide/Aroclor results less than the CRQL if the pesticide residue analysis expert determines that the peaks used for compound identification resulted from instrumentation noise or other interferences (column bleed, solvent contamination, etc.).	Not Applicable	Not Applicable	Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.	Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.

Qualifier	Organics	Inorganics	Metals	GC/MS	GC/HPLC
N	This flag indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds (TIC's), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N flag is not used.	Spiked sample recovery not within control limits.	Matrix spiked sample recovery not within control limits.	Not Applicable	Not Applicable
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a P.	Not Applicable	For ICP	Not Applicable	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25.0% difference for detected concentrations between the two analytical columns. The lower of the two values is reported on the Form I and flagged with a "P".
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS. If GC/MS confirmation was attempted but was unsuccessful, do not apply this flag; use a laboratory-defined flag instead (see the X qualifier).	Not Applicable	Not Applicable	Not Applicable	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
E (Furnace)	Not Applicable	Not Applicable	Analytical spike recovery is less than 40%. An explanatory note is included on the specific form to which applies	Not Applicable	Not Applicable
E (ICP)	Not Applicable	Not Applicable	The reported value is estimated because of the presence of interference.	Not Applicable	Not Applicable

LAB DATA QUALIFIER REFERENCE TABLE

Qualifier	Organics	Inorganics	Metals	GC/MS	GC/HPLC
E	This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than the upper level of the calibration range, the sample or extract shall be diluted and reanalyzed according to the specification in Exhibit D; exceptions are also noted in Exhibit D. All such compounds with a response greater than the upper level of the calibration range shall have the concentration flagged with an E on Form I for the original analysis. NOTE: For total xylenes, where three isomers are quantified as two peaks, the calibration range of each peak shall be considered separately. For example, a diluted analysis is not required for total xylenes unless the concentration of the peak representing the single isomer exceeds 200 ug/L or the peak representing the two co-eluting isomers on that GC column exceeds 400 ug/L. Similarly, if the two 1,2-Dichloroethene isomers coelute, a diluted analysis is not required unless the concentration exceeds 400 ug/L.	The reported value is estimated because of the presence of interference. An explanatory note shall be included under Comments on the Cover Page (if the problem applies to all samples) or on the specific FORM I-IN (if it's an isolated problem).	Not Applicable	Compound quantitation is above the instrument's calibration range for this analysis.	This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than the upper level of calibration range, the extract shall be diluted and re-analyzed.
A	This flag indicates that a tentatively identified compound is a suspected aldol-condensation product	Not Applicable	Not Applicable	The reported Tentatively Identified Compound (TIC) is a suspected Aldol-condensation product.	Not Applicable

Qualifier	Organics	Inorganics	Metals	GC/MS	GC/HPLC
D	If a sample or extract is reanalyzed at a higher dilution factor, for example when the concentration of an analyte exeeds the upper calibration range, the DL suffix is appended to the sample number on Form I for the more diluted sample, and all reported concentrations on that Form I are flagged with a D flag. This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract. NOTE 1: The D flag is not applied to compound which are not detected in the sample analysis i.e. compounds reported with the CRQL and U flag. NOTE2: Separate Form I's are required for reporting the original analysis (EPA Sample No. XXXXX) and the more diluted sample analysis (EPA Sample No. XXXXXDL) i.e. the results from both analyses cannot be combined on a single Form I.	Not Applicable	Not Applicable	This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.	This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.
X	Other specific flags may be required to properly define the results. If used, the flags shall be fully described, with the description attached to the sample data summary package and the SDG Narrative. Begin by using X. If more than one flag is required, use Y and Z as needed. If more than five qualifiers are required for a sample result, use the X flag to represent a combination of several flags. For instance, the X flag might combine the A, B, and D flags for some samples. The laboratory-defined flags are limited to X, Y, and Z.	Not Applicable	Not Applicable	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.

LAB DATA QU[illegible]IER REFERENCE TABLE

Qualifier	Organics	Inorganics	Metals	GC/MS	GC/HPLC
B	This flag is used when the analyte is found in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user to take appropriate action. This flag shall be used for a tentatively identified compound as well as for a positively identified target compound. The combination of flags BU or UB is expressly prohibited. Blank contaminants are flagged B only when they are detected in the sample.	Enter "B" if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL)	Entered if the report is less than the Contract Required Detection Limit (CRDL) but greater than the Instrument Detection Limit (IDL).	The reported analyte was detected in the associated method blank as well as the sample.	This flag is used when the analyte is found in the associated blank as well as in the sample. It indicated possible/probable blank contamination and warns the data user to take appropriate action. Only the samples get a "B" flag. The method blank does not.
M	Not Applicable	Duplicate injection precision not met	Duplicate injection precision is not met.	Not Applicable	Not Applicable
S	Not Applicable	The reported value was determined by the Method of Standard Additions (MSA).	The reported value was determined by the Method of Standards Additions.	Not Applicable	Not Applicable
W	Not Applicable	Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.	Post digestion for furnace AA analysis is out of control limits (85-115%), while sample concentration is less than 50% of spike concentration.	Not Applicable	Not Applicable
*	Not Applicable	Duplicate analysis not within control limits.	Duplicate analysis not within control limits.	Not Applicable	Not Applicable
+	Not Applicable	Correlation coefficient for the MSA is less than .995.	Correlation coefficient for the MSA is less than .995.	Not Applicable	Not Applicable
F	Not Applicable	Not Applicable	For Furnace AA	Not Applicable	Not Applicable

LAB DATA QU[illegible]FIER REFERENCE TABLE

Qualifier	Organics	Inorganics	Metals	GC/MS	GC/HPLC
CV	Not Applicable	Not Applicable	For Manual Cold Vapor AA	Not Applicable	Not Applicable
AS	Not Applicable	Not Applicable	For Semi-automated Spectrophotometric	Not Applicable	Not Applicable
NR	Not Applicable	Not Applicable	If the analyte is not required to be analyzed	Not Applicable	Not Applicable
Y	Not Applicable	Not Applicable	Not Applicable	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.
Z	Not Applicable	Not Applicable	Not Applicable	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.

VALIDATED MMR DATA, DECEMBER 1999

GROUP A: EXPLOSIVES (WATER)

GIS_LOCID	03MW0027A				03MW0040C				03MW0070A				03MW0709				03MW0709			
LAB_EPA_NO	AD857				AC898				AD859				AD864				AD865			
Date Sampled	10/14/99				7/21/99				10/14/99				10/14/99				10/14/99			
Depth	64-69				0-10				0-0				7-17				7-17			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.98		U	+	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	0.25	U	R	Q	0.25	U	UJ	L	0.25	U	U		0.25	U	U		0.25	U	U	
2-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
3-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U	
NITROGLYCERIN	5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP A: EXPLOSIVES (WATER)

GIS_LOCID	11 Old Snake Po				12 Old Snake Po				14 Arnold Rd.				15 Arnold Rd.				18 Old Snake Po			
LAB_EPA_NO	AD808				AD809				AD813				AD814				AD810			
Date Sampled	10/12/99				10/12/99				10/12/99				10/12/99				10/12/99			
Depth	-				-				-				-				-			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	0.25	U	R	L	0.25	U	R	L	0.25	U	R	L	0.25	U	R	L	0.25	U	R	L
2-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
3-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	UJ	C	10.00	U	UJ	C	10.00	U	UJ	C	10.00	U	U		10.00	U	UJ	C
NITROGLYCERIN	5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP A: EXPLOSIVES (WATER)

GIS_LOCID	24 Arnold Rd.				3 Arnold Rd.				3 Arnold Rd.				3 Raccoon Lane				33 Arnold Rd.			
LAB_EPA_NO	AD798				AD811				AD812				AD804				AD799			
Date Sampled	10/12/99				10/12/99				10/12/99				10/12/99				10/12/99			
Depth	-				-				-				-				-			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	0.25	U	R	L	0.25	U	R	L	0.25	U	R	L	0.25	U	R	L	0.25	U	R	L
2-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
3-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	U		10.00	U	U		10.00	U	UJ	C	10.00	U	U		10.00	U	U	
NITROGLYCERIN	5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U	

OEES Technical Information Systems RGEN Ver. 2w

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP A: EXPLOSIVES (WATER)

GIS_LOCID	34 Arnold Rd.				36 Arnold Rd.				39 Arnold Rd.				4 Old Snake Pon				6 Old Snake Pon			
LAB_EPA_NO	AD800				AD801				AD802				AD806				AD807			
Date Sampled	10/12/99				10/12/99				10/12/99				10/12/99				10/12/99			
Depth	-				-				-				-				-			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	0.25	U	R	L	0.25	U	R	L	0.25	U	R	L	0.25	U	R	L	0.25	U	R	L
2-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
3-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	UJ	C	10.00	U	UJ	C
NITROGLYCERIN	5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP A: EXPLOSIVES (WATER)

GIS_LOCID	ASPWELL				CEMETERY1				CEMETERY1				CEMETERY2				CEMETERY2			
LAB_EPA_NO	AC848				AC841				AD840				AC842				AD841			
Date Sampled	7/20/99				7/14/99				10/14/99				7/14/99				10/14/99			
Depth	-				-				-				-				-			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	0.25	U	U		0.25	U	U		0.25	U	R	Q	0.25	U	U		0.25	U	U	
2-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
3-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U	
NITROGLYCERIN	5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP A: EXPLOSIVES (WATER)

GIS_LOCID	CEMETERY2D				MW-73				PPAWSMW-2				RANGECON				RANGECON			
LAB_EPA_NO	AD844				AC835				AC923				AC843				AC844			
Date Sampled	10/14/99				7/9/99				7/22/99				7/15/99				7/15/99			
Depth	-				0-10				0-10				-				-			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		***12.00***		***J***	***Q***	0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		***50.00***		***J***	***Q***	0.25	U	U		0.25	U	U		0.25	U	U	
1,3,5-TRINITROBENZENE	0.25	U	U		0.75	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.75	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
TETRYL	0.25	U	U		0.75	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.25	U	U		0.75	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.75	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		***0.75***		***J***	***C,*9***	0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.75	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	0.25	U	U		0.75	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.75	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	0.25	U	U		0.75	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-NITROTOLUENE	0.25	U	U		0.75	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-NITROTOLUENE	0.25	U	U		0.75	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
3-NITROTOLUENE	0.25	U	U		0.75	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		1.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.75	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	U		30.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U	
NITROGLYCERIN	5.00	U	U		15.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP A: EXPLOSIVES (WATER)

GIS_LOCID	RANGECON				TEXTRONPW-1				TEXTRONPW-2				WELLB							
LAB_EPA_NO	AD839				AC933				AC934				AC849				Intentionally blank			
Date Sampled	10/14/99				7/27/99				7/27/99				7/15/99							
Depth	-				-				-				-							
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
NITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
PICRIC ACID	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
2-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
4-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
3-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U					
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U					
PENTAERYTHRITOL TETRANITI	10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U					
NITROGLYCERIN	5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U					

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP B: EXPLOSIVES (PROFILE)

GIS_LOCID	MW-62				MW-62				MW-62				MW-62				MW-62			
LAB_EPA_NO	AD255				AD256				AD257				AD258				AD259			
Date Sampled	8/30/99				8/30/99				8/30/99				8/31/99				8/31/99			
Depth	7.1-7.1				12.1-12.1				12.1-12.1				22.1-22.1				32.1-32.1			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.29		U	+	0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		3.30		U	+	0.25	U	U	
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	0.25	U	U		0.65		U	+	0.57		U	+	0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	11.00		U	+	22.00	E	U	+	17.00		U	+	16.00		U	+	18.00		U	+
2-NITROTOLUENE	0.31		U	+	0.73		U	+	0.64		U	+	0.49		U	+	0.57		U	+
4-NITROTOLUENE	0.44		U	+	0.55		U	+	0.51		U	+	0.43		U	+	0.52		U	+
3-NITROTOLUENE	0.48		U	+	0.80		U	+	0.64		U	+	0.71		U	+	0.60		U	+
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	U		49.00		U	+	10.00	U	U		10.00	U	U		10.00	U	U	
NITROGLYCERIN	94.00		U	+	190.00		U	+	170.00		U	+	100.00		U	+	130.00		U	+

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP B: EXPLOSIVES (PROFILE)

GIS_LOCID	MW-62				MW-62				MW-62				MW-62				MW-62			
LAB_EPA_NO	AD260				AD261				AD262				AD263				AD264			
Date Sampled	8/31/99				8/31/99				8/31/99				8/31/99				9/1/99			
Depth	42.1-42.1				52.1-52.1				62.1-62.1				72.1-72.1				82.1-82.1			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	8.00		U	+	18.00		U	+	10.00		U	+	0.25	U	U		7.40		U	+
2-NITROTOLUENE	0.25	U	U		0.40		U	+	0.32		U	+	0.25	U	U		0.25	U	U	
4-NITROTOLUENE	0.25	U	U		0.40		U	+	0.25	U	U		0.25	U	U		0.25	U	U	
3-NITROTOLUENE	0.25	U	U		0.44		U	+	0.41		U	+	0.25	U	U		0.25	U	U	
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	U		10.00	U	U		23.00		U	+	10.00	U	U		10.00	U	U	
NITROGLYCERIN	62.00		U	+	130.00		U	+	5.00	U	U		5.00	U	U		5.00	U	U	

OEES Technical Information Systems RGEN Ver. 2w

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP B: EXPLOSIVES (PROFILE)

GIS_LOCID	MW-62				MW-63				MW-63				MW-63				MW-63			
LAB_EPA_NO	AD302				AC901				AC800				AC801				AC802			
Date Sampled	9/1/99				7/20/99				7/7/99				7/8/99				7/8/99			
Depth	92.1-92.1				6-11				126-131				136-141				146-151			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-NITROTOLUENE	0.25	U	U		1.50		U	+	0.25	U	U		0.25	U	U		0.25	U	U	
3-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U	
NITROGLYCERIN	140.00		U	+	780.00	E	U	+	5.00	U	U		5.00	U	U		5.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP B: EXPLOSIVES (PROFILE)

GIS_LOCID	MW-63				MW-63				MW-63				MW-63				MW-63			
LAB_EPA_NO	AC803				AC804				AC837				AC805				AC807			
Date Sampled	7/8/99				7/9/99				7/9/99				7/9/99				7/13/99			
Depth	156-161				166-171				166-171				176-181				196-201			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
3-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U	
NITROGLYCERIN	5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP B: EXPLOSIVES (PROFILE)

GIS_LOCID	MW-63				MW-63				MW-63				MW-64				MW-64			
LAB_EPA_NO	AC808				AC809				AC810				AD282				AD283			
Date Sampled	7/13/99				7/14/99				7/14/99				8/31/99				8/31/99			
Depth	206-211				216-221				226-231				0.24-3.24				8.24-13.24			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.27		U	+
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	0.25	U	U		0.25	U	U		0.25	U	U		0.70		U	+	0.74		U	+
2-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
3-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.98		U	+	1.20		U	+
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U	
NITROGLYCERIN	5.00	U	U		5.00	U	U		5.00	U	U		23.00		U	+	39.00		U	+

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP B: EXPLOSIVES (PROFILE)

GIS_LOCID	MW-64				MW-64				MW-64				MW-64				MW-64			
LAB_EPA_NO	AD284				AD285				AD286				AD288				AD289			
Date Sampled	9/1/99				9/1/99				9/1/99				9/1/99				9/1/99			
Depth	18.24-23.24				28.24-33.24				28.24-33.24				38.24-43.24				48.24-53.24			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
3-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U	
NITROGLYCERIN	5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP B: EXPLOSIVES (PROFILE)

GIS_LOCID	MW-64				MW-64				MW-64				MW-64				MW-64			
LAB_EPA_NO	AD290				AD291				AD292				AD293				AD294			
Date Sampled	9/1/99				9/1/99				9/1/99				9/2/99				9/2/99			
Depth	58.24-63.24				68.24-73.24				78.24-83.24				88.24-93.24				98.24-103.24			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
3-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U	
NITROGLYCERIN	5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP B: EXPLOSIVES (PROFILE)

GIS_LOCID	MW-64				MW-64				MW-64				MW-64				MW-64			
LAB_EPA_NO	AD295				AD296				AD358				AD359				AD360			
Date Sampled	9/2/99				9/7/99				9/7/99				9/7/99				9/7/99			
Depth	108.24-113.2				118.24-123.2				128.24-133.2				138.24-143.2				148.24-153.2			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
3-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U		10.00	U	U	
NITROGLYCERIN	5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U		5.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP B: EXPLOSIVES (PROFILE)

GIS_LOCID	MW-66				MW-66				MW-66				MW-66				MW-84			
LAB_EPA_NO	AD332				AD333				AD334				AD389				AD199			
Date Sampled	9/7/99				9/7/99				9/7/99				9/7/99				8/30/99			
Depth	6-6				16-16				26-26				26-26				169.15-174.1			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/L)																				
OCTAHYDRO-1,3,5,7-TETRANITI	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
HEXAHYDRO-1,3,5-TRINITRO-1,	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3,5-TRINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
1,3-DINITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
TETRYL	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
NITROBENZENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2,4,6-TRINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-AMINO-2,6-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
2-AMINO-4,6-DINITROTOLUENE	1.20		U	+	0.76		U	+	0.25	U	U		0.25	U	U		0.25	U	U	
2,6-DINITROTOLUENE	***1.20***		***J***	***S,*9***	***0.66***		***J***	***S,*9***	***0.33***		***J***	***S,*9***	0.25	U	U		0.25	U	U	
2,4-DINITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PICRIC ACID	8.40		U	+	4.60		U	+	4.40		U	+	2.90		U	+	0.25	U	U	
2-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
4-NITROTOLUENE	0.85		U	+	0.61		U	+	0.35		U	+	0.25	U	U		0.25	U	U	
3-NITROTOLUENE	2.60		U	+	2.20		U	+	1.10		U	+	0.70		U	+	0.25	U	U	
2,6-DIAMINO-4-NITROTOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2,4-DIAMINO-6-NITROTOLUENE	0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U		0.25	U	U	
PENTAERYTHRITOL TETRANITI	10.00	U	U		10.00	U	U		59.00		U	+	38.00		U	+	10.00	U	U	
NITROGLYCERIN	240.00		U	+	260.00		U	+	180.00		U	+	100.00		U	+	5.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP C: EXPLOSIVES (SOIL)

GIS_LOCID	MW-60				MW-60				MW-61				MW-61							
LAB_EPA_NO	AC863				AC864				AC886				AC887				Intentionally blank			
Date Sampled	7/20/99				7/20/99				7/27/99				7/27/99							
Depth	15-19				20-22				10-14				22-24							
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8330N (UG/KG)																				
OCTAHYDRO-1,3,5,7-TETRANITI	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
HEXAHYDRO-1,3,5-TRINITRO-1,	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
1,3,5-TRINITROBENZENE	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
1,3-DINITROBENZENE	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
TETRYL	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
NITROBENZENE	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
2,4,6-TRINITROTOLUENE	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
4-AMINO-2,6-DINITROTOLUENE	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
2-AMINO-4,6-DINITROTOLUENE	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
2,6-DINITROTOLUENE	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
2,4-DINITROTOLUENE	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
PICRIC ACID	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
2-NITROTOLUENE	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
4-NITROTOLUENE	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
3-NITROTOLUENE	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
2,6-DIAMINO-4-NITROTOLUENE	250.00	U	U		250.00	U	U		250.00	U	U		250.00	U	U					
2,4-DIAMINO-6-NITROTOLUENE	120.00	U	U		120.00	U	U		120.00	U	U		120.00	U	U					
PENTAERYTHRITOL TETRANITI	5000.00	U	U		5000.00	U	U		5000.00	U	U		5000.00	U	U					
NITROGLYCERIN	2500.00	U	U		2500.00	U	U		2500.00	U	U		2500.00	U	U					

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

GIS_LOCID	03MW0040C				ASPWELL				CEMETERY1				CEMETERY2							
LAB_EPA_NO	AC898				AC848				AC841				AC842				AC923			
Date Sampled	7/21/99				7/20/99				7/14/99				7/14/99							
Depth	0-10				-				-				-							
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
E504.1 (UG/L)																				
1,2-DIBROMOETHANE (ETHYLE	0.01	U	U		0.01	U	U		0.01	U	U		0.01	U	U					
1,2-DIBROMO-3-CHLOROPROPA	0.02	U	U		0.02	U	U		0.02	U	U		0.02	U	U					
E524.2 (UG/L)																				
CHLOROMETHANE	0.50	U	UJ	C	0.50	U	UJ	C	0.50	U	U		0.50	U	U					
VINYL CHLORIDE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
BROMOMETHANE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U					
BROMOBENZENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
CHLOROETHANE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U					
1,1-DICHLOROETHENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
METHYLENE CHLORIDE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U					
TRANS-1,2-DICHLOROETHENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
1,1-DICHLOROETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
CIS-1,2-DICHLOROETHYLENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
BROMOCHLOROMETHANE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
CHLOROFORM	***1.50***		***J***	****11***	***0.50***		***J***	****11***	***0.30***		***J***	****11***	***0.70***		***J***	****11***				
1,1,1-TRICHLOROETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
CARBON TETRACHLORIDE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
P-CYMENE (P-ISOPROPYLTOLU	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
ISOPROPYLBENZENE (CUMENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
N-PROPYLBENZENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
BENZENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U					
N-BUTYLBENZENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
SEC-BUTYLBENZENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
T-BUTYLBENZENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
1,2-DICHLOROETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

GIS_LOCID	03MW0040C				ASPWELL				CEMETERY1				CEMETERY2							
LAB_EPA_NO	AC898				AC848				AC841				AC842				AC923			
Date Sampled	7/21/99				7/20/99				7/14/99				7/14/99							
Depth	0-10				-				-				-							
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
E524.2 (UG/L) Continued																				
TRICHLOROETHYLENE (TCE)	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
TRICHLOROFLUOROMETHANE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U					
DICHLORODIFLUOROMETHANE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U					
HEXACHLOROBUTADIENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
1,2-DICHLOROPROPANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
1,3-DICHLOROPROPANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
2,2-DICHLOROPROPANE	0.50	U	UJ	L	0.50	U	UJ	C	0.50	U	UJ	L	0.50	U	UJ	L				
BROMODICHLOROMETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
CIS-1,3-DICHLOROPROPENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
1,1-DICHLOROPROPENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
TOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U					
2-CHLOROTOLUENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
4-CHLOROTOLUENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
TRANS-1,3-DICHLOROPROPENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
1,1,2-TRICHLOROETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
1,2,3-TRICHLOROBENZENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
TETRACHLOROETHYLENE(PCE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
DIBROMOCHLOROMETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
1,2-DIBROMOETHANE (ETHYLE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
CHLOROBENZENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
ETHYLBENZENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
XYLENES, TOTAL	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
M-XYLENE (1,3-DIMETHYLBEN	0.20	U	R	*10	0.20	U	R	*10	0.20	U	R	*10	0.20	U	R	*10				
P-XYLENE (1,4-DIMETHYLBEN	0.20	U	R	*10	0.20	U	R	*10	0.20	U	R	*10	0.20	U	R	*10				
O-XYLENE (1,2-DIMETHYLBEN	0.10	U	R	*10	0.10	U	R	*10	0.10	U	R	*10	0.10	U	R	*10				

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

GIS_LOCID	03MW0040C				ASPWELL				CEMETERY1				CEMETERY2				PPAWSMW-2			
LAB_EPA_NO	AC898				AC848				AC841				AC842				AC923			
Date Sampled	7/21/99				7/20/99				7/14/99				7/14/99				7/22/99			
Depth	0-10				-				-				-				0-10			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
E524.2 (UG/L) Continued																				
STYRENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
BROMOFORM	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
1,1,2,2-TETRACHLOROETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
1,1,1,2-TETRACHLOROETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
1,3-DICHLOROBENZENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
1,4-DICHLOROBENZENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
1,2-DICHLOROBENZENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
1,2-DIBROMO-3-CHLOROPROPA	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
1,2,4-TRICHLOROBENZENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
1,2,3-TRICHLOROPROPANE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
DIBROMOMETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
NAPHTHALENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
TERT-BUTYL METHYL ETHER	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U					
1,2,4-TRIMETHYLBENZENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
1,3,5-TRIMETHYLBENZENE (ME	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U					
504 (NG/L)																				
1,2-DIBROMOETHANE (ETHYLE																	9.60	U	U	
8021W (UG/L)																				
TERT-BUTYL METHYL ETHER																	0.50	U	U	
OC21V (UG/L)																				
CHLOROMETHANE																	1.00	U	UJ	C
VINYL CHLORIDE																	1.00	U	U	
BROMOMETHANE																	1.00	U	UJ	C
CHLOROETHANE																	1.00	U	U	
1,1-DICHLOROETHENE																	1.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

GIS_LOCID															PPAWSMW-2			
LAB_EPA_NO	AC898				AC848				AC841				AC842				AC923			
Date Sampled																	7/22/99			
Depth																	0-10			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OC21V (UG/L) Continued																				
ACETONE																	5.00	U	R	R
CARBON DISULFIDE																	1.00	U	U	
METHYLENE CHLORIDE																	2.00	U	U	
TRANS-1,2-DICHLOROETHENE																	1.00	U	U	
1,1-DICHLOROETHANE																	1.00	U	U	
CIS-1,2-DICHLOROETHYLENE																	1.00	U	U	
METHYL ETHYL KETONE (2-BU																	5.00	U	U	
BROMOCHLOROMETHANE																	1.00	U	U	
CHLOROFORM																	***2.00***			
1,1,1-TRICHLOROETHANE																	1.00	U	U	
CARBON TETRACHLORIDE																	1.00	U	U	
BENZENE																	1.00	U	U	
1,2-DICHLOROETHANE																	1.00	U	U	
TRICHLOROETHYLENE (TCE)																	1.00	U	U	
1,2-DICHLOROPROPANE																	1.00	U	U	
BROMODICHLOROMETHANE																	1.00	U	U	
CIS-1,3-DICHLOROPROPENE																	1.00	U	U	
METHYL ISOBUTYL KETONE (4-																	5.00	U	U	
TOLUENE																	1.00	U	U	
TRANS-1,3-DICHLOROPROPENE																	1.00	U	U	
1,1,2-TRICHLOROETHANE																	1.00	U	U	
TETRACHLOROETHYLENE(PCE																	1.00	U	U	
2-HEXANONE																	5.00	U	U	
DIBROMOCHLOROMETHANE																	1.00	U	U	
1,2-DIBROMOETHANE (ETHYLE																	1.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

GIS_LOCID																	
LAB_EPA_NO	AC898				AC848				AC841				AC842				AC923			
Date Sampled																	7/22/99			
Depth																	0-10			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OC21V (UG/L) Continued																				
CHLOROBENZENE																	1.00	U	U	
ETHYLBENZENE																	1.00	U	U	
XYLENES, TOTAL																	1.00	U	U	
STYRENE																	1.00	U	U	
BROMOFORM																	1.00	U	U	
1,1,2,2-TETRACHLOROETHANE																	1.00	U	U	
1,3-DICHLOROBENZENE																	1.00	U	U	
1,4-DICHLOROBENZENE																	1.00	U	U	
1,2-DICHLOROBENZENE																	1.00	U	U	
1,2-DIBROMO-3-CHLOROPROPA																	1.00	U	U	
1,2,4-TRICHLOROBENZENE																	1.00	U	U	
VINYL ACETATE																	1.00	U	U	
DIBROMOMETHANE																	1.00	U	U	
2-CHLOROETHYL VINYL ETHER																	1.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

GIS_LOCID	RANGECON				RANGECON				TEXTRONPW-1				TEXTRONPW-2				WELLB			
LAB_EPA_NO	AC843				AC844				AC933				AC934				AC849			
Date Sampled	7/15/99				7/15/99				7/27/99				7/27/99				7/15/99			
Depth	-				-				-				-				-			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
E504.1 (UG/L)																				
1,2-DIBROMOETHANE (ETHYLE	0.01	U	U		0.01	U	U		0.01	U	U		0.01	U	U		0.01	U	U	
1,2-DIBROMO-3-CHLOROPROPA	0.02	U	U		0.02	U	U		0.02	U	U		0.02	U	U		0.02	U	U	
E524.2 (UG/L)																				
CHLOROMETHANE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
VINYL CHLORIDE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
BROMOMETHANE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
BROMOBENZENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
CHLOROETHANE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
1,1-DICHLOROETHENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
METHYLENE CHLORIDE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
TRANS-1,2-DICHLOROETHENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
1,1-DICHLOROETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
CIS-1,2-DICHLOROETHYLENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
BROMOCHLOROMETHANE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
CHLOROFORM	***0.40***		***J***	****11***	***0.40***		***J***	****11***	***0.10***		***J***	****11***	0.10	U	U		***0.40***		***J***	****11***
1,1,1-TRICHLOROETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
CARBON TETRACHLORIDE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
P-CYMENE (P-ISOPROPYLTOLU	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
ISOPROPYLBENZENE (CUMENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
N-PROPYLBENZENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
BENZENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
N-BUTYLBENZENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
SEC-BUTYLBENZENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
T-BUTYLBENZENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
1,2-DICHLOROETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

GIS_LOCID	RANGECON				RANGECON				TEXTRONPW-1				TEXTRONPW-2				WELLB			
LAB_EPA_NO	AC843				AC844				AC933				AC934				AC849			
Date Sampled	7/15/99				7/15/99				7/27/99				7/27/99				7/15/99			
Depth	-				-				-				-				-			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
E524.2 (UG/L) Continued																				
TRICHLOROETHYLENE (TCE)	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
TRICHLOROFLUOROMETHANE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
DICHLORODIFLUOROMETHANE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
HEXACHLOROBUTADIENE	0.20	U	U		0.20	U	U		0.00	U	U		0.20	U	U		0.20	U	U	
1,2-DICHLOROPROPANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
1,3-DICHLOROPROPANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
2,2-DICHLOROPROPANE	0.50	U	UJ	L	0.50	U	UJ	L	0.50	U	UJ	C,L	0.50	U	UJ	C,L	0.50	U	UJ	L
BROMODICHLOROMETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
CIS-1,3-DICHLOROPROPENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
1,1-DICHLOROPROPENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
TOLUENE	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
2-CHLOROTOLUENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
4-CHLOROTOLUENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
TRANS-1,3-DICHLOROPROPENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
1,1,2-TRICHLOROETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
1,2,3-TRICHLOROBENZENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
TETRACHLOROETHYLENE(PCE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
DIBROMOCHLOROMETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
1,2-DIBROMOETHANE (ETHYLE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
CHLOROBENZENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
ETHYLBENZENE	0.10	U	U		0.10	U	U		0.10	U	U		***0.10***		***J***	****11***	0.10	U	U	
XYLENES, TOTAL	0.20	U	U		0.20	U	U		0.20	U	U		***0.20***		***J***	***T,*8,*11***	0.20	U	U	
M-XYLENE (1,3-DIMETHYLBEN	0.20	U	R	*10	0.20	U	R	*10	0.20	U	R	*10	0.60		R	*10	0.20	U	R	*10
P-XYLENE (1,4-DIMETHYLBENZ	0.20	U	R	*10	0.20	U	R	*10	0.20	U	R	*10	0.60		R	*10	0.20	U	R	*10
O-XYLENE (1,2-DIMETHYLBEN	0.10	U	R	*10	0.10	U	R	*10	0.10	U	R	*10	0.20		R	*10	0.10	U	R	*10

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

GIS_LOCID	RANGECON				RANGECON				TEXTRONPW-1				TEXTRONPW-2				WELLB			
LAB_EPA_NO	AC843				AC844				AC933				AC934				AC849			
Date Sampled	7/15/99				7/15/99				7/27/99				7/27/99				7/15/99			
Depth	-				-				-				-				-			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
E524.2 (UG/L) Continued																				
STYRENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
BROMOFORM	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
1,1,2,2-TETRACHLOROETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
1,1,1,2-TETRACHLOROETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
1,3-DICHLOROBENZENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
1,4-DICHLOROBENZENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
1,2-DICHLOROBENZENE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
1,2-DIBROMO-3-CHLOROPROPA	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
1,2,4-TRICHLOROBENZENE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
1,2,3-TRICHLOROPROPANE	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
DIBROMOMETHANE	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
NAPHTHALENE	0.00	U	U		0.20	U	U		0.20	U	U		***0.40***		***J***	****11***	0.20	U	U	
TERT-BUTYL METHYL ETHER	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
1,2,4-TRIMETHYLBENZENE	0.10	U	U		0.10	U	U		0.10	U	U		***0.30***		***J***	****11***	0.10	U	U	
1,3,5-TRIMETHYLBENZENE (ME	0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U		0.50	U	U	
504 (NG/L)																				
1,2-DIBROMOETHANE (ETHYLE																				
8021W (UG/L)																				
TERT-BUTYL METHYL ETHER																				
OC21V (UG/L)																				
CHLOROMETHANE																				
VINYL CHLORIDE																				
BROMOMETHANE																				
CHLOROETHANE																				
1,1-DICHLOROETHENE																				

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

GIS_LOCID																			
LAB_EPA_NO	AC843				AC844				AC933				AC934				AC849			
Date Sampled																				
Depth																				
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OC21V (UG/L) Continued																				
ACETONE																				
CARBON DISULFIDE																				
METHYLENE CHLORIDE																				
TRANS-1,2-DICHLOROETHENE																				
1,1-DICHLOROETHANE																				
CIS-1,2-DICHLOROETHYLENE																				
METHYL ETHYL KETONE (2-BU																				
BROMOCHLOROMETHANE																				
CHLOROFORM																				
1,1,1-TRICHLOROETHANE																				
CARBON TETRACHLORIDE																				
BENZENE																				
1,2-DICHLOROETHANE																				
TRICHLOROETHYLENE (TCE)																				
1,2-DICHLOROPROPANE																				
BROMODICHLOROMETHANE																				
CIS-1,3-DICHLOROPROPENE																				
METHYL ISOBUTYL KETONE (4-																				
TOLUENE																				
TRANS-1,3-DICHLOROPROPENE																				
1,1,2-TRICHLOROETHANE																				
TETRACHLOROETHYLENE(PCE																				
2-HEXANONE																				
DIBROMOCHLOROMETHANE																				
1,2-DIBROMOETHANE (ETHYLE																				

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

GIS_LOCID																			
LAB_EPA_NO	AC843				AC844				AC933				AC934				AC849			
Date Sampled																				
Depth																				
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OC21V (UG/L) Continued																				
CHLOROBENZENE																				
ETHYLBENZENE																				
XYLENES, TOTAL																				
STYRENE																				
BROMOFORM																				
1,1,2,2-TETRACHLOROETHANE																				
1,3-DICHLOROBENZENE																				
1,4-DICHLOROBENZENE																				
1,2-DICHLOROBENZENE																				
1,2-DIBROMO-3-CHLOROPROPA																				
1,2,4-TRICHLOROBENZENE																				
VINYL ACETATE																				
DIBROMOMETHANE																				
2-CHLOROETHYL VINYL ETHER																				

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP F: VOLATILES (SOIL)

GIS_LOCID	MW-60				MW-61															
LAB_EPA_NO	AC863				AC886				Intentionally blank				Intentionally blank				Intentionally blank			
Date Sampled	7/20/99				7/27/99															
Depth	15-19				10-14															
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8021S (UG/KG)																				
1,2-DIBROMOETHANE (ETHYLE	0.50	U	U		0.51	U	U													
TERT-BUTYL METHYL ETHER	0.50	U	U		0.51	U	U													
OM31V (UG/KG)																				
CHLOROMETHANE	11.00	U	U		10.00	U	U													
VINYL CHLORIDE	11.00	U	U		10.00	U	U													
BROMOMETHANE	11.00	U	U		10.00	U	U													
CHLOROETHANE	11.00	U	U		10.00	U	U													
ACETONE	11.00	U	U		10.00	JB	UJ	B,C												
1,1-DICHLOROETHENE	11.00	U	U		10.00	U	U													
METHYLENE CHLORIDE	11.00	U	U		10.00	U	U													
CARBON DISULFIDE	11.00	U	U		10.00	U	U													
TOTAL 1,2-DICHLOROETHENE	11.00	U	U		10.00	U	U													
1,1-DICHLOROETHANE	11.00	U	U		10.00	U	U													
METHYL ETHYL KETONE (2-BU	11.00	U	U		10.00	U	U													
CHLOROFORM	11.00	U	U		10.00	U	U													
1,1,1-TRICHLOROETHANE	11.00	U	U		10.00	U	U													
CARBON TETRACHLORIDE	11.00	U	U		10.00	U	U													
1,2-DICHLOROETHANE	11.00	U	U		10.00	U	U													
BENZENE	11.00	U	U		10.00	U	U													
TRICHLOROETHYLENE (TCE)	11.00	U	U		10.00	U	U													
1,2-DICHLOROPROPANE	11.00	U	U		10.00	U	U													
BROMODICHLOROMETHANE	11.00	U	U		10.00	U	U													
METHYL ISOBUTYL KETONE (4-	11.00	U	U		10.00	U	U													
CIS-1,3-DICHLOROPROPENE	11.00	U	U		10.00	U	U													
TOLUENE	11.00	U	U		10.00	U	U													

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP F: VOLATILES (SOIL)

GIS_LOCID	MW-60				MW-61															
LAB_EPA_NO	AC863				AC886				Intentionally blank				Intentionally blank				Intentionally blank			
Date Sampled	7/20/99				7/27/99															
Depth	15-19				10-14															
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OM31V (UG/KG) Continued																				
TRANS-1,3-DICHLOROPROPENE	11.00	U	U		10.00	U	U													
1,1,2-TRICHLOROETHANE	11.00	U	U		10.00	U	U													
2-HEXANONE	11.00	U	U		10.00	U	U													
TETRACHLOROETHYLENE(PCE	11.00	U	U		10.00	U	U													
DIBROMOCHLOROMETHANE	11.00	U	U		10.00	U	U													
CHLOROBENZENE	11.00	U	U		10.00	U	U													
ETHYLBENZENE	11.00	U	U		10.00	U	U													
XYLENES, TOTAL	11.00	U	U		10.00	U	U													
STYRENE	11.00	U	U		10.00	U	U													
BROMOFORM	11.00	U	U		10.00	U	U													
1,1,2,2-TETRACHLOROETHANE	11.00	U	U		10.00	U	U													

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP G: SEMIVOLATILES (WATER)

GIS_LOCID	03MW0040C				ASPWELL				CEMETERY1				CEMETERY2				PPAWSMW-2			
LAB_EPA_NO	AC898				AC848				AC841				AC842				AC923			
Date Sampled	7/21/99				7/20/99				7/14/99				7/14/99				7/22/99			
Depth	0-10				-				-				-				0-10			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
E525.2 (UG/L)																				
ALDRIN	0.10	U	U		0.10	U	UJ	C	0.10	U	UJ	I	0.10	U	U					
HEXACHLOROCYCLOPENTADII	0.10	U	UJ	L	0.10	U	U		0.10	U	UJ	I	0.10	U	U					
HEXACHLOROBENZENE	0.10	U	U		0.10	U	UJ	C	0.10	U	UJ	I	0.10	U	U					
BIS(2-ETHYLHEXYL) PHTHALA	0.70	U	UJ	C,I	0.60	U	U		0.60	U	UJ	I	0.60	U	UJ	I				
BENZO(A)PYRENE	0.02	U	UJ	I	0.02	U	UJ	C	0.02	U	UJ	I	0.02	U	UJ	I				
GAMMA BHC (LINDANE)	0.02	U	U		0.02	U	UJ	C	0.02	U	UJ	I	0.02	U	U					
HEPTACHLOR	0.04	U	U		0.04	U	UJ	C	0.04	U	UJ	I	0.04	U	U					
HEPTACHLOR EPOXIDE	0.02	U	U		0.02	U	UJ	C	0.02	U	UJ	I	0.02	U	U					
BUTACHLOR	0.10	U	UJ	C	0.10	U	U		0.10	U	UJ	I	0.10	U	U					
ENDRIN	0.01	U	UJ	C,I	0.01	U	UJ	C	0.01	U	UJ	I	0.01	U	UJ	I				
DIELDRIN	0.10	U	UJ	I	0.10	U	U		0.10	U	UJ	I	0.10	U	UJ	I				
METOLACHLOR	0.10	U	UJ	I	0.10	U	UJ	C	0.10	U	UJ	I	0.10	U	U					
METRIBUZIN	0.10	U	UJ	C	0.10	U	UJ	C	0.10	U	UJ	I,L	0.10	U	UJ	L				
METHOXYCHLOR	0.10	U	U		0.10	U	U		0.10	U	UJ	I	0.10	U	UJ	I				
PROPACHLOR	0.10	U	U		0.10	U	UJ	C	0.10	U	UJ	I	0.10	U	U					
ALACHLOR	0.10	U	U		0.10	U	U		0.10	U	UJ	I	0.10	U	U					
ATRAZINE	0.10	U	U		0.10	U	U		0.10	U	UJ	I	0.10	U	U					
2-ETHYLHEXYL ADIPATE	0.70	U	UJ	C,I	0.60	U	U		0.60	U	UJ	I	0.60	U	UJ	I				
SIMAZINE	0.08	U	UJ	C	0.07	U	UJ	C	0.07	U	UJ	I	0.07	U	U					
OC21B (UG/L)																				
N-NITROSODIMETHYLAMINE																	6.00	U	U	
ANILINE (PHENYLAMINE, AMI																	11.00	U	U	
PHENOL																	6.00	U	U	
BIS(2-CHLOROETHYL) ETHER (																	6.00	U	U	
2-CHLOROPHENOL																	6.00	U	U	

Depths are measured in feet below the water table.

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VALIDATED MMR DATA, DECEMBER 1999

GROUP G: SEMIVOLATILES (WATER)

GIS_LOCID																PPAWSMW-2			
LAB_EPA_NO	AC898				AC848				AC841				AC842				AC923			
Date Sampled																	7/22/99			
Depth																	0-10			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OC21B (UG/L) Continued																				
BENZYL ALCOHOL																	6.00	U	UJ	C
2,2'-OXYBIS(1-CHLORO)PROPAN																	6.00	U	U	
2-METHYLPHENOL (O-CRESOL)																	6.00	U	U	
HEXACHLOROETHANE																	6.00	U	U	
N-NITROSODI-N-PROPYLAMINE																	6.00	U	U	
4-METHYLPHENOL (P-CRESOL)																	6.00	U	U	
NITROBENZENE																	6.00	U	U	
ISOPHORONE																	6.00	U	U	
2-NITROPHENOL																	6.00	U	U	
2,4-DIMETHYLPHENOL																	6.00	U	U	
BIS(2-CHLOROETHOXY) METHA																	6.00	U	U	
2,4-DICHLOROPHENOL																	6.00	U	U	
BENZOIC ACID																	22.00	U	U	
NAPHTHALENE																	6.00	U	U	
4-CHLOROANILINE																	6.00	U	U	
HEXACHLOROBUTADIENE																	6.00	U	U	
4-CHLORO-3-METHYLPHENOL																	6.00	U	U	
2-METHYLNAPHTHALENE																	6.00	U	U	
HEXACHLOROCYCLOPENTADII																	6.00	U	U	
2,4,6-TRICHLOROPHENOL																	6.00	U	U	
2,4,5-TRICHLOROPHENOL																	22.00	U	U	
2-CHLORONAPHTHALENE																	6.00	U	U	
2-NITROANILINE																	22.00	U	U	
DIMETHYL PHTHALATE																	6.00	U	U	
ACENAPHTHYLENE																	6.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP G: SEMIVOLATILES (WATER)

GIS_LOCID															PPAWSMW-2			
LAB_EPA_NO	AC898				AC848				AC841				AC842				AC923			
Date Sampled																	7/22/99			
Depth																	0-10			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OC21B (UG/L) Continued																				
2,6-DINITROTOLUENE																	6.00	U	U	
ACENAPHTHENE																	6.00	U	U	
3-NITROANILINE																	22.00	U	U	
2,4-DINITROPHENOL																	22.00	U	U	
DIBENZOFURAN																	6.00	U	U	
4-NITROPHENOL																	22.00	U	UJ	C
2,4-DINITROTOLUENE																	6.00	U	U	
FLUORENE																	6.00	U	U	
DIETHYL PHTHALATE																	6.00	U	U	
4-CHLOROPHENYL PHENYL ETI																	6.00	U	U	
4-NITROANILINE																	22.00	U	U	
4,6-DINITRO-2-METHYLPHENOL																	22.00	U	U	
N-NITROSODIPHENYLAMINE																	6.00	U	U	
4-BROMOPHENYL PHENYL ETH																	6.00	U	U	
HEXACHLOROBENZENE																	6.00	U	U	
PENTACHLOROPHENOL																	22.00	U	U	
PHENANTHRENE																	6.00	U	U	
ANTHRACENE																	6.00	U	U	
CARBAZOLE																	6.00	U	U	
DI-N-BUTYL PHTHALATE																	6.00	U	U	
FLUORANTHENE																	6.00	U	U	
PYRENE																	6.00	U	U	
BENZYL BUTYL PHTHALATE																	6.00	U	U	
BENZO(A)ANTHRACENE																	6.00	U	U	
3,3'-DICHLOROBENZIDINE																	6.00	U	UJ	C

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP G: SEMIVOLATILES (WATER)

GIS_LOCID															PPAWSMW-2			
LAB_EPA_NO	AC898				AC848				AC841				AC842				AC923			
Date Sampled																	7/22/99			
Depth																	0-10			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OC21B (UG/L) Continued																				
CHRYSENE																	6.00	U	U	
BIS(2-ETHYLHEXYL) PHTHALAT																	***3.00***	***J***	***J***	***F***
DI-N-OCTYLPHTHALATE																	6.00	U	U	
BENZO(B)FLUORANTHENE																	6.00	U	U	
BENZO(K)FLUORANTHENE																	6.00	U	U	
BENZO(A)PYRENE																	6.00	U	U	
INDENO(1,2,3-C,D)PYRENE																	6.00	U	U	
DIBENZ(A,H)ANTHRACENE																	6.00	U	U	
BENZO(G,H,I)PERYLENE																	6.00	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP G: SEMIVOLATILES (WATER)

GIS_LOCID	RANGECON				RANGECON				TEXTRONPW-1				TEXTRONPW-2				WELLB			
LAB_EPA_NO	AC843				AC844				AC933				AC934				AC849			
Date Sampled	7/15/99				7/15/99				7/27/99				7/27/99				7/15/99			
Depth	-				-				-				-				-			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
E525.2 (UG/L)																				
ALDRIN	0.10	U	U		0.10	U	UJ	I	0.10	U	UJ	I	0.10	U	U		0.10	U	U	
HEXACHLOROCYCLOPENTADII	0.10	U	U		0.10	U	UJ	I	0.10	U	UJ	I,L	0.10	U	UJ	L	0.10	U	U	
HEXACHLOROBENZENE	0.10	U	U		0.10	U	UJ	I	0.10	U	UJ	I	0.10	U	U		0.10	U	U	
BIS(2-ETHYLHEXYL) PHTHALA	0.60	U	U		0.60	U	UJ	I	0.60	U	UJ	I	0.60	U	U		0.60	U	U	
BENZO(A)PYRENE	0.02	U	U		0.02	U	UJ	I	0.02	U	UJ	I	0.02	U	U		0.02	U	U	
GAMMA BHC (LINDANE)	0.02	U	U		0.02	U	UJ	I	0.02	U	UJ	I	0.02	U	U		0.02	U	U	
HEPTACHLOR	0.04	U	U		0.04	U	UJ	I	0.04	U	UJ	I	0.04	U	U		0.04	U	U	
HEPTACHLOR EPOXIDE	0.02	U	U		0.02	U	UJ	I	0.02	U	UJ	I	0.02	U	U		0.02	U	U	
BUTACHLOR	0.10	U	U		0.10	U	UJ	I	0.10	U	UJ	I	0.10	U	U		0.10	U	U	
ENDRIN	0.01	U	U		0.01	U	UJ	I	0.01	U	UJ	I	0.01	U	U		0.01	U	U	
DIELDRIN	0.10	U	U		0.10	U	UJ	I	0.10	U	UJ	I	0.10	U	U		0.10	U	U	
METOLACHLOR	0.10	U	U		0.10	U	UJ	I	0.10	U	UJ	I	0.10	U	U		0.10	U	U	
METRIBUZIN	0.10	U	UJ	L	0.10	U	UJ	I,L	0.10	U	UJ	I,L	0.10	U	UJ	L	0.10	U	UJ	L
METHOXYCHLOR	0.10	U	U		0.10	U	UJ	I	0.10	U	UJ	I	0.10	U	U		0.10	U	U	
PROPACHLOR	0.10	U	U		0.10	U	UJ	I	0.10	U	UJ	I	0.10	U	U		0.10	U	U	
ALACHLOR	0.10	U	U		0.10	U	UJ	I	0.10	U	UJ	I	0.10	U	U		0.10	U	U	
ATRAZINE	0.10	U	U		0.10	U	UJ	I	0.10	U	UJ	C,I	0.10	U	UJ	C	0.10	U	U	
2-ETHYLHEXYL ADIPATE	0.60	U	U		0.60	U	UJ	I	0.60	U	UJ	I	0.60	U	U		0.60	U	U	
SIMAZINE	0.07	U	U		0.07	U	UJ	I	0.07	U	UJ	I	0.07	U	U		0.07	U	U	
OC21B (UG/L)																				
N-NITROSODIMETHYLAMINE																				
ANILINE (PHENYLAMINE, AMIN																				
PHENOL																				
BIS(2-CHLOROETHYL) ETHER (																				
2-CHLOROPHENOL																				

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP G: SEMIVOLATILES (WATER)

GIS_LOCID																			
LAB_EPA_NO	AC843				AC844				AC933				AC934				AC849			
Date Sampled																				
Depth																				
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OC21B (UG/L) Continued																				
BENZYL ALCOHOL																				
2,2'-OXYBIS(1-CHLORO)PROPAN																				
2-METHYLPHENOL (O-CRESOL)																				
HEXACHLOROETHANE																				
N-NITROSODI-N-PROPYLAMINE																				
4-METHYLPHENOL (P-CRESOL)																				
NITROBENZENE																				
ISOPHORONE																				
2-NITROPHENOL																				
2,4-DIMETHYLPHENOL																				
BIS(2-CHLOROETHOXY) METHA																				
2,4-DICHLOROPHENOL																				
BENZOIC ACID																				
NAPHTHALENE																				
4-CHLOROANILINE																				
HEXACHLOROBUTADIENE																				
4-CHLORO-3-METHYLPHENOL																				
2-METHYLNAPHTHALENE																				
HEXACHLOROCYCLOPENTADII																				
2,4,6-TRICHLOROPHENOL																				
2,4,5-TRICHLOROPHENOL																				
2-CHLORONAPHTHALENE																				
2-NITROANILINE																				
DIMETHYL PHTHALATE																				
ACENAPHTHYLENE																				

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Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP G: SEMIVOLATILES (WATER)

GIS_LOCID																			
LAB_EPA_NO	AC843				AC844				AC933				AC934				AC849			
Date Sampled																				
Depth																				
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OC21B (UG/L) Continued																				
2,6-DINITROTOLUENE																				
ACENAPHTHENE																				
3-NITROANILINE																				
2,4-DINITROPHENOL																				
DIBENZOFURAN																				
4-NITROPHENOL																				
2,4-DINITROTOLUENE																				
FLUORENE																				
DIETHYL PHTHALATE																				
4-CHLOROPHENYL PHENYL ETI																				
4-NITROANILINE																				
4,6-DINITRO-2-METHYLPHENOL																				
N-NITROSODIPHENYLAMINE																				
4-BROMOPHENYL PHENYL ETH																				
HEXACHLOROBENZENE																				
PENTACHLOROPHENOL																				
PHENANTHRENE																				
ANTHRACENE																				
CARBAZOLE																				
DI-N-BUTYL PHTHALATE																				
FLUORANTHENE																				
PYRENE																				
BENZYL BUTYL PHTHALATE																				
BENZO(A)ANTHRACENE																				
3,3'-DICHLOROBENZIDINE																				

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP G: SEMIVOLATILES (WATER)

GIS_LOCID																			
LAB_EPA_NO	AC843				AC844				AC933				AC934				AC849			
Date Sampled																				
Depth																				
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OC21B (UG/L) Continued																				
CHRYSENE																				
BIS(2-ETHYLHEXYL) PHTHALA																				
DI-N-OCTYLPHTHALATE																				
BENZO(B)FLUORANTHENE																				
BENZO(K)FLUORANTHENE																				
BENZO(A)PYRENE																				
INDENO(1,2,3-C,D)PYRENE																				
DIBENZ(A,H)ANTHRACENE																				
BENZO(G,H,I)PERYLENE																				

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP H: SEMIVOLATILES (SOIL)

GIS_LOCID	MW-60				MW-61															
LAB_EPA_NO	AC863				AC886				Intentionally blank				Intentionally blank				Intentionally blank			
Date Sampled	7/20/99				7/27/99															
Depth	15-19				10-14															
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OM31B (UG/KG)																				
PHENOL	330.00	U	U		340.00	U	U													
BIS(2-CHLOROETHYL) ETHER (	330.00	U	U		340.00	U	U													
2-CHLOROPHENOL	330.00	U	U		340.00	U	U													
1,3-DICHLOROBENZENE	330.00	U	U		340.00	U	U													
1,4-DICHLOROBENZENE	330.00	U	U		340.00	U	U													
1,2-DICHLOROBENZENE	330.00	U	U		340.00	U	U													
2,2'-OXYBIS(1-CHLORO)PROPAN	330.00	U	U		340.00	U	UJ	C												
2-METHYLPHENOL (O-CRESOL)	330.00	U	U		340.00	U	U													
HEXACHLOROETHANE	330.00	U	U		340.00	U	U													
N-NITROSODI-N-PROPYLAMINE	330.00	U	U		340.00	U	U													
4-METHYLPHENOL (P-CRESOL)	330.00	U	U		340.00	U	U													
NITROBENZENE	330.00	U	U		340.00	U	U													
ISOPHORONE	330.00	U	U		340.00	U	U													
2-NITROPHENOL	330.00	U	U		340.00	U	U													
2,4-DIMETHYLPHENOL	330.00	U	U		340.00	U	U													
BIS(2-CHLOROETHOXY) METHA	330.00	U	U		340.00	U	U													
2,4-DICHLOROPHENOL	330.00	U	U		340.00	U	U													
1,2,4-TRICHLOROBENZENE	330.00	U	U		340.00	U	U													
NAPHTHALENE	330.00	U	U		340.00	U	U													
4-CHLOROANILINE	330.00	U	U		340.00	U	U													
HEXACHLOROBUTADIENE	330.00	U	U		340.00	U	U													
4-CHLORO-3-METHYLPHENOL	330.00	U	U		340.00	U	U													
2-METHYLNAPHTHALENE	330.00	U	U		340.00	U	U													
HEXACHLOROCYCLOPENTADI	330.00	U	U		340.00	U	U													
2,4,6-TRICHLOROPHENOL	330.00	U	U		340.00	U	U													

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP H: SEMIVOLATILES (SOIL)

GIS_LOCID	MW-60				MW-61															
LAB_EPA_NO	AC863				AC886				Intentionally blank				Intentionally blank				Intentionally blank			
Date Sampled	7/20/99				7/27/99															
Depth	15-19				10-14															
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OM31B (UG/KG) Continued																				
2,4,5-TRICHLOROPHENOL	840.00	U	U		850.00	U	U													
2-CHLORONAPHTHALENE	330.00	U	U		340.00	U	U													
2-NITROANILINE	840.00	U	U		850.00	U	U													
DIMETHYL PHTHALATE	330.00	U	U		340.00	U	U													
ACENAPHTHYLENE	330.00	U	U		340.00	U	U													
2,6-DINITROTOLUENE	330.00	U	U		340.00	U	U													
ACENAPHTHENE	330.00	U	U		340.00	U	U													
3-NITROANILINE	840.00	U	U		850.00	U	U													
2,4-DINITROPHENOL	840.00	U	U		850.00	U	U													
DIBENZOFURAN	330.00	U	U		340.00	U	U													
4-NITROPHENOL	840.00	U	U		850.00	U	U													
2,4-DINITROTOLUENE	330.00	U	U		340.00	U	U													
FLUORENE	330.00	U	U		340.00	U	U													
DIETHYL PHTHALATE	330.00	U	U		340.00	U	U													
4-CHLOROPHENYL PHENYL ETI	330.00	U	U		340.00	U	U													
4-NITROANILINE	840.00	U	U		850.00	U	U													
4,6-DINITRO-2-METHYLPHENOL	840.00	U	U		850.00	U	U													
N-NITROSODIPHENYLAMINE	330.00	U	U		340.00	U	U													
4-BROMOPHENYL PHENYL ETH	330.00	U	U		340.00	U	U													
HEXACHLOROBENZENE	330.00	U	U		340.00	U	U													
PENTACHLOROPHENOL	840.00	U	U		850.00	U	U													
PHENANTHRENE	330.00	U	U		340.00	U	U													
ANTHRACENE	330.00	U	U		340.00	U	U													
CARBAZOLE	330.00	U	U		340.00	U	U													
DI-N-BUTYL PHTHALATE	330.00	U	U		340.00	U	U													

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP H: SEMIVOLATILES (SOIL)

GIS_LOCID	MW-60				MW-61															
LAB_EPA_NO	AC863				AC886				Intentionally blank				Intentionally blank				Intentionally blank			
Date Sampled	7/20/99				7/27/99															
Depth	15-19				10-14															
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OM31B (UG/KG) Continued																				
FLUORANTHENE	330.00	U	U		340.00	U	U													
PYRENE	330.00	U	UJ	C	340.00	U	UJ	C												
BENZYL BUTYL PHTHALATE	330.00	U	U		340.00	U	UJ	C												
BENZO(A)ANTHRACENE	330.00	U	U		340.00	U	U													
3,3'-DICHLOROBENZIDINE	330.00	U	U		340.00	U	U													
CHRYSENE	330.00	U	U		340.00	U	U													
BIS(2-ETHYLHEXYL) PHTHALA	***44.00***	***J***	***J***	***C,F***	***42.00***	***J***	***J***	***C,F***												
DI-N-OCTYLPHTHALATE	330.00	U	UJ	C	340.00	U	UJ	C												
BENZO(B)FLUORANTHENE	330.00	U	U		340.00	U	U													
BENZO(K)FLUORANTHENE	330.00	U	U		340.00	U	U													
BENZO(A)PYRENE	330.00	U	U		340.00	U	U													
INDENO(1,2,3-C,D)PYRENE	330.00	U	U		340.00	U	U													
DIBENZ(A,H)ANTHRACENE	330.00	U	U		340.00	U	U													
BENZO(G,H,I)PERYLENE	330.00	U	U		340.00	U	U													

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP I: PESTICIDES/HERBICIDES (WATER)

GIS_LOCID	03MW0040C				ASPWELL				CEMETERY1				CEMETERY2				PPAWSMW-2			
LAB_EPA_NO	AC898				AC848				AC841				AC842				AC923			
Date Sampled	7/21/99				7/20/99				7/14/99				7/14/99				7/22/99			
Depth	0-10				-				-				-				0-10			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
E505 (UG/L)																				
CHLORDANE	0.20	U	UJ	S	0.20	U	UJ	C	0.20	U	UJ	C	0.20	U	UJ	C				
TOXAPHENE	1.00	U	UJ	C,S	1.00	U	UJ	C	1.00	U	U		1.00	U	U					
PCB-1016 (AROCHLOR 1016)	0.50	U	UJ	C,S,*11,	0.50	U	UJ	C,*11,$	0.50	U	UJ	C,*11,$	0.50	U	UJ	C,*11,$				
PCB-1221 (AROCHLOR 1221)	2.00	U	UJ	C,S	2.00	U	UJ	C	2.00	U	UJ	C	2.00	U	UJ	C				
PCB-1232 (AROCHLOR 1232)	0.50	U	UJ	C,S	1.00	U	UJ	C,*11,$	1.00	U	UJ	C,*11,$	1.00	U	UJ	C,*11,$				
PCB-1242 (AROCHLOR 1242)	0.30	U	UJ	C,S	0.50	U	UJ	C,*11,$	0.50	U	UJ	C,*11,$	0.50	U	UJ	C,*11,$				
PCB-1248 (AROCHLOR 1248)	0.10	U	UJ	S	0.10	U	UJ	C	0.10	U	UJ	C	0.10	U	UJ	C				
PCB-1254 (AROCHLOR 1254)	0.10	U	UJ	C,S	0.10	U	UJ	C	0.10	U	UJ	C	0.10	U	UJ	C				
PCB-1260 (AROCHLOR 1260)	0.20	U	UJ	C,S	0.20	U	UJ	C	0.20	U	UJ	C	0.20	U	UJ	C				
E515.1 (UG/L)																				
DALAPON	1.00	U	UJ	C	1.00	U	UJ	C	1.00	U	UJ	C,Q	1.00	U	UJ	C				
2,4-D (DICHLOROPHENOXYACE	0.10	U	UJ	C	0.10	U	UJ	C	0.10	U	UJ	C	0.10	U	U					
DICAMBA	0.10	U	UJ	C	0.10	U	UJ	C	0.10	U	U		0.10	U	U					
DINOSEB	0.10	U	UJ	C	0.10	U	UJ	C	0.10	U	UJ	C	0.10	U	UJ	C				
PENTACHLOROPHENOL	0.04	U	UJ	C	0.04	U	UJ	C	0.04	U	U		0.04	U	U					
SILVEX (2,4,5-TP)	0.10	U	UJ	C	0.10	U	UJ	C	0.10	U	UJ	C	0.10	U	U					
PICLORAM	0.10	U	UJ	C	0.10	U	UJ	C	0.10	U	U		0.10	U	U					
OL21P (UG/L)																				
ALPHA BHC (ALPHA HEXACHL(																	0.01	U	U	
BETA BHC (BETA HEXACHLOR(																	0.01	U	U	
DELTA BHC (DELTA HEXACHL(																	0.01	U	U	
GAMMA BHC (LINDANE)																	0.01	U	U	
HEPTACHLOR																	0.01	U	U	
ALDRIN																	0.01	U	U	
HEPTACHLOR EPOXIDE																	0.01	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP I: PESTICIDES/HERBICIDES (WATER)

GIS_LOCID															PPAWSMW-2			
LAB_EPA_NO	AC898				AC848				AC841				AC842				AC923			
Date Sampled																	7/22/99			
Depth																	0-10			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OL21P (UG/L) Continued																				
ALPHA ENDOSULFAN																	0.01	U	U	
DIELDRIN																	0.02	U	U	
DDE (1,1-BIS(CHLOROPHENYL)-																	0.02	U	U	
ENDRIN																	0.02	U	U	
BETA ENDOSULFAN																	0.02	U	U	
DDD (1,1-BIS(CHLOROPHENYL)-																	0.02	U	U	
ENDOSULFAN SULFATE																	0.02	U	U	
DDT (1,1-BIS(CHLOROPHENYL)-																	0.02	U	U	
METHOXYCHLOR																	0.10	U	U	
ENDRIN KETONE																	0.02	U	U	
ENDRIN ALDEHYDE																	0.02	U	U	
ALPHA-CHLORDANE																	0.01	U	U	
GAMMA-CHLORDANE																	0.01	U	U	
TOXAPHENE																	1.00	U	U	
PCB-1016 (AROCHLOR 1016)																	0.21	U	U	
PCB-1221 (AROCHLOR 1221)																	0.42	U	U	
PCB-1232 (AROCHLOR 1232)																	0.21	U	U	
PCB-1242 (AROCHLOR 1242)																	0.21	U	U	
PCB-1248 (AROCHLOR 1248)																	0.21	U	U	
PCB-1254 (AROCHLOR 1254)																	0.21	U	U	
PCB-1260 (AROCHLOR 1260)																	0.21	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP I: PESTICIDES/HERBICIDES (WATER)

GIS_LOCID	RANGECON				RANGECON				TEXTRONPW-1				TEXTRONPW-2				WELLB			
LAB_EPA_NO	AC843				AC844				AC933				AC934				AC849			
Date Sampled	7/15/99				7/15/99				7/27/99				7/27/99				7/15/99			
Depth	-				-				-				-				-			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
E505 (UG/L)																				
CHLORDANE	0.20	U	UJ	C,S	0.20	U	UJ	C,S	0.20	U	U		0.20	U	U		0.20	U	UJ	C
TOXAPHENE	1.00	U	UJ	S	1.00	U	UJ	C,S	1.00	U	UJ	C	1.00	U	UJ	C	1.00	U	U	
PCB-1016 (AROCHLOR 1016)	0.50	U	UJ	C,S,$	0.50	U	UJ	C,S,*11,	0.50	U	UJ	C,*11,$	0.50	U	UJ	C,*11,$	0.50	U	UJ	C,*11,$
PCB-1221 (AROCHLOR 1221)	2.00	U	UJ	C,S	2.00	U	UJ	C,S	2.00	U	UJ	C	2.00	U	UJ	C	2.00	U	UJ	C
PCB-1232 (AROCHLOR 1232)	1.00	U	UJ	C,S,*11,	1.00	U	UJ	C,S,*11,	1.00	U	UJ	C,*11,$	1.00	U	UJ	C,*11,$	1.00	U	UJ	C,*11,$
PCB-1242 (AROCHLOR 1242)	0.50	U	UJ	C,S,*11,	0.50	U	UJ	C,S,*11.	0.50	U	UJ	C,*11,$	0.50	U	UJ	C,*11,$	0.50	U	UJ	C,*11,$
PCB-1248 (AROCHLOR 1248)	0.10	U	UJ	C,S	0.10	U	UJ	C,S	0.10	U	U		0.10	U	U		0.10	U	UJ	C
PCB-1254 (AROCHLOR 1254)	0.10	U	UJ	C,S	0.10	U	UJ	C,S	0.10	U	U		0.10	U	U		0.10	U	UJ	C
PCB-1260 (AROCHLOR 1260)	0.00	U	UJ	C,S	0.20	U	UJ	C,S	0.20	U	UJ	C	0.20	U	UJ	C	0.20	U	UJ	C
E515.1 (UG/L)																				
DALAPON	1.00	U	UJ	C	1.00	U	UJ	C	1.00	U	UJ	C,Q	1.00	U	UJ	C	1.00	U	UJ	L
2,4-D (DICHLOROPHENOXYACE	0.10	U	UJ	C	0.10	U	UJ	C	0.10	U	U		0.10	U	U		0.10	U	UJ	C
DICAMBA	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	UJ	C
DINOSEB	0.10	U	UJ	C	0.10	U	UJ	C	0.10	U	U		0.10	U	U		0.10	U	UJ	C
PENTACHLOROPHENOL	0.04	U	U		0.04	U	U		0.04	U	U		0.04	U	U		0.04	U	U	
SILVEX (2,4,5-TP)	0.10	U	UJ	C	0.10	U	UJ	C	0.10	U	U		0.10	U	U		0.10	U	UJ	C
PICLORAM	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
OL21P (UG/L)																				
ALPHA BHC (ALPHA HEXACHL(																				
BETA BHC (BETA HEXACHLOR(																				
DELTA BHC (DELTA HEXACHL(																				
GAMMA BHC (LINDANE)																				
HEPTACHLOR																				
ALDRIN																				
HEPTACHLOR EPOXIDE																				

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP I: PESTICIDES/HERBICIDES (WATER)

GIS_LOCID																			
LAB_EPA_NO	AC843				AC844				AC933				AC934				AC849			
Date Sampled																				
Depth																				
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OL21P (UG/L) Continued																				
ALPHA ENDOSULFAN																				
DIELDRIN																				
DDE (1,1-BIS(CHLOROPHENYL)-																				
ENDRIN																				
BETA ENDOSULFAN																				
DDD (1,1-BIS(CHLOROPHENYL)-																				
ENDOSULFAN SULFATE																				
DDT (1,1-BIS(CHLOROPHENYL)-																				
METHOXYCHLOR																				
ENDRIN KETONE																				
ENDRIN ALDEHYDE																				
ALPHA-CHLORDANE																				
GAMMA-CHLORDANE																				
TOXAPHENE																				
PCB-1016 (AROCHLOR 1016)																				
PCB-1221 (AROCHLOR 1221)																				
PCB-1232 (AROCHLOR 1232)																				
PCB-1242 (AROCHLOR 1242)																				
PCB-1248 (AROCHLOR 1248)																				
PCB-1254 (AROCHLOR 1254)																				
PCB-1260 (AROCHLOR 1260)																				

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP J: PESTICIDES/HERBICIDES (SOIL)

GIS_LOCID	MW-60				MW-61															
LAB_EPA_NO	AC863				AC886				Intentionally blank				Intentionally blank				Intentionally blank			
Date Sampled	7/20/99				7/27/99															
Depth	15-19				10-14															
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
8151 (UG/KG)																				
DALAPON	120.00	U	U		120.00	U	U													
3,5-DICHLOROBENZOIC ACID	47.00	U	UJ	C	48.00	U	UJ	C												
4-NITROPHENOL	92.00	U	U		93.00	U	UJ	*4												
DICAMBA	4.70	U	U		4.80	U	UJ	*4												
MCPP	8300.00	U	U		8400.00	U	U													
MCPA	8300.00	U	U		8400.00	U	UJ	*4												
DICHLOROPROP	47.00	U	UJ	C	48.00	U	UJ	C												
2,4-D (DICHLOROPHENOXYACE	60.00	U	U		61.00	U	UJ	*4												
PENTACHLOROPHENOL	17.00	U	U		17.00	U	UJ	*4												
SILVEX (2,4,5-TP)	4.80	U	U		4.80	U	U													
CHLORAMBEN	5.40	U	R	*4	5.50	U	R	*4												
2,4,5-T (TRICHLOROPHENOXYA	4.80	U	U		4.80	U	U													
2,4 DB	60.00	U	U		61.00	U	UJ	*4												
PICLORAM	4.70	U	UJ	C	4.80	U	R	*4												
BENTAZON	62.00	U	U		63.00	U	R	*4												
DINOSEB	24.00	U	UJ	C	24.00	U	UJ	C												
DCPA (DACTHAL)	5.00	U	UJ	*4	5.10	U	UJ	*4												
ACIFLUORFEN	4.80	U	U		4.90	U	UJ	C												
OM31P (UG/KG)																				
ALPHA BHC (ALPHA HEXACHL	1.70	U	U		1.70	U	UJ	C												
BETA BHC (BETA HEXACHLOR	1.70	U	U		1.70	U	U													
DELTA BHC (DELTA HEXACHL	1.70	U	U		1.70	U	UJ	C												
GAMMA BHC (LINDANE)	1.70	U	U		1.70	U	UJ	C												
HEPTACHLOR	1.70	U	U		1.70	U	U													
ALDRIN	1.70	U	U		1.70	U	U													

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP J: PESTICIDES/HERBICIDES (SOIL)

GIS_LOCID	MW-60				MW-61															
LAB_EPA_NO	AC863				AC886				Intentionally blank				Intentionally blank				Intentionally blank			
Date Sampled	7/20/99				7/27/99															
Depth	15-19				10-14															
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
OM31P (UG/KG) Continued																				
HEPTACHLOR EPOXIDE	1.70	U	U		1.70	U	U													
ALPHA ENDOSULFAN	1.70	U	U		1.70	U	U													
DIELDRIN	3.30	U	U		3.40	U	UJ	C												
DDE (1,1-BIS(CHLOROPHENYL)-	3.30	U	U		3.40	U	U													
ENDRIN	3.30	U	U		3.40	U	U													
BETA ENDOSULFAN	3.30	U	U		3.40	U	U													
DDD (1,1-BIS(CHLOROPHENYL)-	3.30	U	U		3.40	U	UJ	C												
ENDOSULFAN SULFATE	3.30	U	U		3.40	U	U													
DDT (1,1-BIS(CHLOROPHENYL)-	3.30	U	U		3.40	U	U													
METHOXYCHLOR	17.00	U	U		17.00	U	U													
ENDRIN KETONE	3.30	U	U		3.40	U	U													
ENDRIN ALDEHYDE	3.30	U	U		3.40	U	U													
ALPHA-CHLORDANE	1.70	U	U		1.70	U	U													
GAMMA-CHLORDANE	1.70	U	U		1.70	U	U													
TOXAPHENE	170.00	U	U		170.00	U	U													
PCB-1016 (AROCHLOR 1016)	33.00	U	U		34.00	U	U													
PCB-1221 (AROCHLOR 1221)	68.00	U	U		68.00	U	U													
PCB-1232 (AROCHLOR 1232)	33.00	U	U		34.00	U	U													
PCB-1242 (AROCHLOR 1242)	33.00	U	U		34.00	U	U													
PCB-1248 (AROCHLOR 1248)	33.00	U	U		34.00	U	U													
PCB-1254 (AROCHLOR 1254)	33.00	U	U		34.00	U	U													
PCB-1260 (AROCHLOR 1260)	33.00	U	U		34.00	U	U													

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP K: METALS/WET CHEMISTRY (WATER)

GIS_LOCID	03MW0040C				ASPWELL				CEMETERY1				CEMETERY2				PPAWSMW-2			
LAB_EPA_NO	AC898				AC848				AC841				AC842				AC923			
Date Sampled	7/21/99				7/20/99				7/14/99				7/14/99				7/22/99			
Depth	0-10				-				-				-				0-10			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
A3111B (MG/L)																				
SODIUM	***12.00***				***33.00***		***J***	***Q***	***6.30***				***11.00***							
E200.8 (UG/L)																				
ANTIMONY	0.20	U	U		0.20	U	U		0.20	U	UJ	B	0.20	U	U					
ARSENIC	0.50	U	UJ	B	0.50	U	U		0.50	U	UJ	B	***2.30***							
BARIUM	***38.00***				***17.00***				***0.80***				***6.30***							
BERYLLIUM	0.20	U	UJ	B	0.20	U	UJ	B	0.20	U	UJ	B	0.20	U	U					
CADMIUM	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
CHROMIUM, TOTAL	***1.40***		***J***	***B***	***0.40***				***0.60***				***1.10***							
LEAD	***1.20***				***53.00***				***1.00***				***10.00***							
NICKEL	***1.20***				0.50	U	U		0.50	U	U		0.50	U	U					
SELENIUM	2.00	U	U		2.00	U	U		2.00	U	U	*12,$	***3.10***							
THALLIUM	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U					
MERCURY	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U					
E300 (MG/L)																				
NITROGEN, NITRATE (AS N)	0.50	U	U		0.50	U	U		0.50	U	UJ	L	***1.10***		***J***	***L***				
E335.4 (MG/L)																				
CYANIDE	0.02	U	U		0.02	U	U		0.02	U	U		0.02	U	U					
E353.2 (MG/L)																				
NITROGEN, NITRITE	0.01	U	U		0.01	U	U		0.01	U	UJ	H	0.01	U	UJ	H				
300.0 (MG/L)																				
CHLORIDE (AS CL)																	***7.80***			
SULFATE (AS SO4)																	***5.20***			

Depths are measured in feet below the water table.

Ogden Environmental and Energy Services

OEES Technical Information Systems RGEN Ver. 2w

VALIDATED MMR DATA, DECEMBER 1999

GROUP K: METALS/WET CHEMISTRY (WATER)

GIS_LOCID																PPAWSMW-2			
LAB_EPA_NO	AC898				AC848				AC841				AC842				AC923			
Date Sampled																	7/22/99			
Depth																	0-10			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
310.1 (MG/L)																				
ALKALINITY, BICARBONATE (A																	***2.00***			
ALKALINITY, CARBONATE (AS																	1.00	U	U	
ALKALINITY, HYDROXIDE (AS (																	1.00	U	U	
ALKALINITY, TOTAL (AS CACO																	***2.00***			
350.2M (MG/L)																				
NITROGEN, AMMONIA (AS N)																	***0.16***		***J***	***F***
353.2M (MG/L)																				
NITRATE/NITRITE (AS N)																	***0.02***			
365.2 (MG/L)																				
PHOSPHORUS, TOTAL ORTHOPI																	***0.03***			
CYAN (UG/L)																				
CYANIDE																	5.00	U	U	
IM40HD (MG/L)																				
HARDNESS (AS CACO3)																	40.00	U	U	
IM40HG (UG/L)																				
MERCURY																	0.10	U	U	
IM40MB (UG/L)																				
ALUMINUM																	36.60	B	UJ	B
ANTIMONY																	3.70	U	U	
ARSENIC																	5.20	U	U	
BARIUM																	14.10	U	U	
BERYLLIUM																	0.40	U	U	
CADMIUM																	0.90	U	U	
CALCIUM																	***1120.00***	***B***		
CHROMIUM, TOTAL																	0.80	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP K: METALS/WET CHEMISTRY (WATER)

GIS_LOCID															PPAWSMW-2			
LAB_EPA_NO	AC898				AC848				AC841				AC842				AC923			
Date Sampled																	7/22/99			
Depth																	0-10			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
IM40MB (UG/L) Continued																				
COBALT																	3.40	U	U	
COPPER																	2.90	U	U	
IRON																	***170.00***			
LEAD																	2.40	U	U	
MAGNESIUM																	***1090.00***	***B***		
MANGANESE																	***5.10***	***B***		
NICKEL																	4.00	U	U	
POTASSIUM																	***658.00***	***B***	***J***	****10***
SELENIUM																	3.10	U	UJ	B,*2
SILVER																	2.50	U	U	
SODIUM																	***5190.00***			
THALLIUM																	3.00	U	U	
VANADIUM																	2.50	U	U	
ZINC																	7.10	B	UJ	B
MOLYBDENUM																	1.10	U	U	
BORON																	2.60	U	UJ	B
TOC (MG/L)																				
TOTAL ORGANIC CARBON																	0.50	U	U	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP K: METALS/WET CHEMISTRY (WATER)

GIS_LOCID	RANGECON				RANGECON				TEXTRONPW-1				TEXTRONPW-2				WELLB			
LAB_EPA_NO	AC843				AC844				AC933				AC934				AC849			
Date Sampled	7/15/99				7/15/99				7/27/99				7/27/99				7/15/99			
Depth	-				-				-				-				-			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
A3111B (MG/L)																				
SODIUM	***5.80***				***5.80***				***6.20***				***2.70***				***14.00***			
E200.8 (UG/L)																				
ANTIMONY	0.20	U	UJ	B	0.20	U	UJ	B	0.20	U	U		0.20	U	U		0.20	U	UJ	B
ARSENIC	0.50	U	UJ	B	0.50	U	UJ	B	0.50	U	U		0.50	U	U		0.50	U	UJ	B
BARIUM	***1.30***				***1.20***				***7.50***				***8.90***				***12.00***			
BERYLLIUM	0.20	U	UJ	B	0.20	U	UJ	B	0.20	U	U		0.20	U	U		0.20	U	UJ	B
CADMIUM	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
CHROMIUM, TOTAL	***1.30***				***1.20***				***1.20***				0.20	U	U		***1.20***			
LEAD	***0.80***				***1.00***				***7.60***				***2.50***				***1.20***			
NICKEL	0.50	U	U		0.50	U	U		***1.60***				0.50	U	U		0.50	U	U	
SELENIUM	2.10		UJ	B	2.00	U	U		2.00	U	U		2.00	U	U		2.30		UJ	B
THALLIUM	0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U		0.20	U	U	
MERCURY	0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U		0.10	U	U	
E300 (MG/L)																				
NITROGEN, NITRATE (AS N)	0.50	U	UJ	Q	0.50	U	UJ	Q	0.50	U	U		***0.60***				***0.06***		***J***	***H,Q***
E335.4 (MG/L)																				
CYANIDE	0.02	U	U		0.02	U	U		0.02	U	U		0.02	U	U		0.02	U	U	
E353.2 (MG/L)																				
NITROGEN, NITRITE	0.01	U	U		0.01	U	U		0.01	U	U		0.01	U	U		0.01	U	U	
300.0 (MG/L)																				
CHLORIDE (AS CL)																				
SULFATE (AS SO4)																				

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP K: METALS/WET CHEMISTRY (WATER)

GIS_LOCID																			
LAB_EPA_NO	AC843				AC844				AC933				AC934				AC849			
Date Sampled																				
Depth																				
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
310.1 (MG/L)																				
ALKALINITY, BICARBONATE (A																				
ALKALINITY, CARBONATE (AS																				
ALKALINITY, HYDROXIDE (AS (																				
ALKALINITY, TOTAL (AS CACO																				
350.2M (MG/L)																				
NITROGEN, AMMONIA (AS N)																				
353.2M (MG/L)																				
NITRATE/NITRITE (AS N)																				
365.2 (MG/L)																				
PHOSPHORUS, TOTAL ORTHOPI																				
CYAN (UG/L)																				
CYANIDE																				
IM40HD (MG/L)																				
HARDNESS (AS CACO3)																				
IM40HG (UG/L)																				
MERCURY																				
IM40MB (UG/L)																				
ALUMINUM																				
ANTIMONY																				
ARSENIC																				
BARIUM																				
BERYLLIUM																				
CADMIUM																				
CALCIUM																				
CHROMIUM, TOTAL																				

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP K: METALS/WET CHEMISTRY (WATER)

GIS_LOCID																			
LAB_EPA_NO	AC843				AC844				AC933				AC934				AC849			
Date Sampled																				
Depth																				
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
IM40MB (UG/L) Continued																				
COBALT																				
COPPER																				
IRON																				
LEAD																				
MAGNESIUM																				
MANGANESE																				
NICKEL																				
POTASSIUM																				
SELENIUM																				
SILVER																				
SODIUM																				
THALLIUM																				
VANADIUM																				
ZINC																				
MOLYBDENUM																				
BORON																				
TOC (MG/L)																				
TOTAL ORGANIC CARBON																				

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP L: METALS/WET CHEMISTRY (SOIL)

GIS_LOCID	MW-60				MW-60				MW-60				MW-60				MW-60			
LAB_EPA_NO	AC863				AC864				AC865				AC866				AC867			
Date Sampled	7/20/99				7/20/99				7/20/99				7/20/99				7/21/99			
Depth	15-19				20-22				30-32				40-44				50-52			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
350.2M (MG/KG)																				
NITROGEN, AMMONIA (AS N)	***9.80***		***J***	***F,*2***					***16.00***		***J***	***F***	***4.50***		***J***	***F,*2***	2.40	U	UJ	*2
353.2M (MG/KG)																				
NITRATE/NITRITE (AS N)	***0.03***								***0.02***				***0.03***				0.02	U	U	
365.2 (MG/KG)																				
PHOSPHORUS, TOTAL ORTHOPI	***68.70***								***57.60***				***82.80***				***76.10***			
CYAN (MG/KG)																				
CYANIDE	0.52	U	U		0.53	U	U		0.54	U	U		0.55	U	U		0.53	U	U	
IM40HG (MG/KG)																				
MERCURY	0.04	U	U		0.04	U	U		0.05	U	U		0.05	U	U		0.05	U	U	
IM40MB (MG/KG)																				
ALUMINUM	***1480.00***				***1070.00***				***1590.00***				***1740.00***				***1620.00***			
ANTIMONY	0.89	U	U		0.74	U	U		0.51	U	U		0.98	U	U		0.93	U	U	
ARSENIC	0.89	U	UJ	B,*2	0.74	U	UJ	*2	***0.85***	***B***	***J***	****10***	***1.10***	***B***	***J***	***B,*2,*10***	0.93	U	UJ	B,*2
BARIUM	***6.50***	***B***			***8.00***	***B***			***7.00***	***B***			***6.50***	***B***			***7.80***	***B***		
BERYLLIUM	***0.12***	***B***			***0.05***	***B***	***J***	****10***	***0.13***	***B***			***0.15***	***B***			***0.06***	***B***	***J***	****10***
CADMIUM	0.07	U	U		0.06	U	U		0.12	U	U		0.08	U	U		0.07	U	U	
CALCIUM	***154.00***	***B***			***117.00***	***B***			***316.00***	***B***			***327.00***	***B***			***190.00***	***B***		
CHROMIUM, TOTAL	***3.80***				***4.10***				***6.70***				***4.90***				***4.60***			
COBALT	***1.40***	***B***			***1.60***	***B***			***1.30***	***B***			***1.40***	***B***			***1.70***	***B***		
COPPER	***3.60***	***B***			***6.60***				3.30	B	UJ	B	***4.40***	***B***			***3.60***	***B***		
IRON	***4440.00***				***3630.00***				***4240.00***				***4630.00***				***4390.00***			
LEAD	***2.80***				***2.60***				***2.00***				***3.10***				***3.20***			
MAGNESIUM	***606.00***	***B***			***435.00***	***B***			***679.00***	***B***			***731.00***	***B***			***754.00***	***B***		
MANGANESE	***99.20***				***201.00***				***85.40***				***90.00***				***252.00***			
NICKEL	***1.90***	***B***			***2.00***	***B***			3.70	B	UJ	B	***3.20***	***B***			***3.60***	***B***		

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP L: METALS/WET CHEMISTRY (SOIL)

GIS_LOCID	MW-60				MW-60				MW-60				MW-60				MW-60			
LAB_EPA_NO	AC863				AC864				AC865				AC866				AC867			
Date Sampled	7/20/99				7/20/99				7/20/99				7/20/99				7/21/99			
Depth	15-19				20-22				30-32				40-44				50-52			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
IM40MB (MG/KG) Continued																				
POTASSIUM	***336.00***	***B***			***218.00***	***B***			***489.00***	***B***			***351.00***	***B***			***354.00***	***B***		
SELENIUM	0.50	U	U		0.41	U	U		0.43	U	UJ	B,*2	0.55	U	U		0.52	U	U	
SILVER	0.43	U	UJ	B	0.35	U	U		0.34	U	U		0.47	U	UJ	B	0.45	U	UJ	B
SODIUM	111.90	U	U		92.17	U	U		89.58	U	U		123.01	U	U		116.96	U	U	
THALLIUM	***0.40***	***B***	***J***	****10***	***0.75***	***B***			0.41	U	UJ	*2	0.42	U	U		***0.70***	***B***	***J***	****10***
VANADIUM	***5.50***	***B***			***3.00***	***B***			***4.80***	***B***			***3.80***	***B***			***3.90***	***B***		
ZINC	***11.10***				7.40		UJ	B	***7.50***				***13.60***				***32.10***			
MOLYBDENUM	***0.66***	***B***	***J***	***F***	***3.10***				***1.00***	***B***	***J***	***F***	***0.99***	***B***	***J***	***F***	***0.92***	***B***		
BORON	1.00	U	U		0.84	U	U		0.36	U	UJ	B	1.11	U	U		1.10	U	U	
TOC (MG/KG)																				
TOTAL ORGANIC CARBON	101.00	U	U						102.00	U	U		102.00	U	U		103.00	U	U	

OEES Technical Information Systems RGEN Ver. 2w

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP L: METALS/WET CHEMISTRY (SOIL)

GIS_LOCID	MW-60				MW-60				MW-60				MW-60				MW-61			
LAB_EPA_NO	AC868				AC869				AC870				AC871				AC886			
Date Sampled	7/21/99				7/21/99				7/21/99				7/21/99				7/27/99			
Depth	60-62				70-72				80-84				90-92				10-14			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
350.2M (MG/KG)																				
NITROGEN, AMMONIA (AS N)	2.40	U	UJ	*2	***2.60***		***J***	***F,*2***	2.40	U	UJ	*2	***2.70***		***J***	***F,*2***	***2.70***		***J***	***F,*2***
353.2M (MG/KG)																				
NITRATE/NITRITE (AS N)	***0.23***				***0.01***				***0.23***				0.02	U	U		0.02	U	U	
365.2 (MG/KG)																				
PHOSPHORUS, TOTAL ORTHOPI	***45.80***				***48.90***				***66.90***				***40.50***				***101.00***		***J***	***R***
CYAN (MG/KG)																				
CYANIDE	0.54	U	U		0.54	U	U		0.54	U	U		0.56	U	U		0.55	U	U	
IM40HG (MG/KG)																				
MERCURY	0.05	U	U		0.04	U	U		0.05	U	U		0.04	U	U		0.05	U	U	
IM40MB (MG/KG)																				
ALUMINUM	***980.00***				***1020.00***				***2590.00***				***753.00***				***2390.00***			
ANTIMONY	0.85	U	U		0.79	U	U		0.84	U	U		0.87	U	U		0.73	U	U	
ARSENIC	0.85	U	UJ	B,*2	0.79	U	UJ	B,*2	0.84	U	UJ	B,*2	***0.96***	***B***	***J***	***B,*2,*10***	1.00	U	U	
BARIUM	***3.60***	***B***	***J***	***10***	***3.60***	***B***	***J***	***10***	***6.50***	***B***			***3.10***	***B***	***J***	***10***	***6.90***	***B***		
BERYLLIUM	***0.08***	***B***	***J***	***10***	***0.08***	***B***	***J***	***10***	***0.13***	***B***			***0.08***	***B***	***J***	***10***	***0.18***	***B***		
CADMIUM	0.07	U	U		0.06	U	U		0.06	U	U		0.07	U	U		0.18	U	U	
CALCIUM	***108.00***	***B***			***71.00***	***B***	***J***	***10***	***969.00***				***52.70***	***B***	***J***	***10***	***277.00***	***B***		
CHROMIUM, TOTAL	***2.40***				***2.90***				***2.60***				***3.70***				***17.00***			
COBALT	***0.72***	***B***	***J***	***10***	***0.69***	***B***	***J***	***10***	***2.20***	***B***			***0.51***	***B***	***J***	***10***	***1.90***	***B***		
COPPER	***1.70***	***B***			***1.50***	***B***			***4.90***				***1.50***	***B***			7.20		UJ	B
IRON	***2490.00***				***2860.00***				***6130.00***				***2600.00***				***6950.00***			
LEAD	***1.80***				***1.50***				***3.00***				***1.50***				***1.60***			
MAGNESIUM	***306.00***	***B***			***351.00***	***B***			***1850.00***				***223.00***	***B***			***1350.00***			
MANGANESE	***27.70***				***21.20***				***97.10***				***16.10***				***129.00***			
NICKEL	***1.20***	***B***			***1.30***	***B***			***2.00***	***B***			***1.00***	***B***			6.70	B	UJ	B

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP L: METALS/WET CHEMISTRY (SOIL)

GIS_LOCID	MW-60				MW-60				MW-60				MW-60				MW-61			
LAB_EPA_NO	AC868				AC869				AC870				AC871				AC886			
Date Sampled	7/21/99				7/21/99				7/21/99				7/21/99				7/27/99			
Depth	60-62				70-72				80-84				90-92				10-14			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
IM40MB (MG/KG) Continued																				
POTASSIUM	***220.00***	***B***			***257.00***	***B***			***341.00***	***B***			***179.00***	***B***			***516.00***	***B***		
SELENIUM	0.48	U	U		0.44	U	U		0.47	U	U		0.48	U	U		0.61	U	UJ	B,*2
SILVER	0.41	U	UJ	B	0.38	U	UJ	B	0.40	U	UJ	B	0.42	U	UJ	B	0.50	U	U	
SODIUM	106.63	U	U		98.70	U	U		104.61	U	U		108.52	U	U		129.11	U	U	
THALLIUM	0.36	U	U		0.33	U	U		***0.48***	***B***	***J***	****10***	0.37	U	U		0.59	U	U	
VANADIUM	***2.80***	***B***	***J***	***B***	***3.90***	***B***			***8.50***				***4.00***	***B***			***6.40***	***B***		
ZINC	8.60		UJ	B	***10.30***				***18.80***				4.00		UJ	B	***20.30***			
MOLYBDENUM	***0.53***	***B***			***0.47***	***B***			***0.45***	***B***	***J***	****10***	***0.71***	***B***			***3.30***			
BORON	0.97	U	U		0.89	U	U		0.95	U	U		0.98	U	U		0.52	U	UJ	B
TOC (MG/KG)																				
TOTAL ORGANIC CARBON	103.00	U	U		103.00	U	U		102.00	U	U		108.00	U	U		101.00	U	U	

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP L: METALS/WET CHEMISTRY (SOIL)

GIS_LOCID	MW-61				MW-61				MW-61				MW-61				MW-61			
LAB_EPA_NO	AC887				AC888				AC889				AC890				AC891			
Date Sampled	7/27/99				7/27/99				7/28/99				7/28/99				7/28/99			
Depth	22-24				30-32				42-44				50-52				60-62			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
350.2M (MG/KG)																				
NITROGEN, AMMONIA (AS N)																				
353.2M (MG/KG)																				
NITRATE/NITRITE (AS N)																				
365.2 (MG/KG)																				
PHOSPHORUS, TOTAL ORTHOPI																				
CYAN (MG/KG)																				
CYANIDE	0.55	U	U		0.56	U	U		0.51	U	U		0.54	U	U		0.53	U	U	
IM40HG (MG/KG)																				
MERCURY	0.05	U	U		0.05	U	U		0.05	U	U		0.05	U	U		0.04	U	U	
IM40MB (MG/KG)																				
ALUMINUM	***868.00***				***1880.00***				***1260.00***				***2130.00***				***1020.00***			
ANTIMONY	0.74	U	U		0.65	U	U		0.58	U	U		0.58	U	U		0.61	U	U	
ARSENIC	1.00	U	U		***1.10***	***B***	***J***	****10***	***0.82***	***B***	***J***	****10***	***1.10***	***B***	***J***	****10***	0.86	U	U	
BARIUM	2.83	U	U		***9.10***	***B***		****10***	***4.40***	***B***	***J***	****10***	***13.80***	***B***		****10***	***3.70***	***B***	***J***	****10***
BERYLLIUM	0.08	U	U		***0.22***	***B***		****10***	***0.13***	***B***		****10***	***0.20***	***B***		****10***	***0.12***	***B***	***J***	****10***
CADMIUM	0.18	U	U		0.16	U	U		0.14	U	U		0.14	U	U		0.15	U	U	
CALCIUM	53.98	U	U		***338.00***	***B***			***92.00***	***B***			***159.00***	***B***			***82.20***	***B***	***J***	****10***
CHROMIUM, TOTAL	***2.10***				***9.10***				***1.90***				***5.10***				***4.40***			
COBALT	***0.70***	***B***	***J***	****10***	***1.60***	***B***			***0.86***	***B***	***J***	****10***	***1.80***	***B***			***0.83***	***B***	***J***	****10***
COPPER	2.60	B	UJ	B	5.20		UJ	B	2.70	B	UJ	B	4.50		UJ	B	2.60	B	UJ	B
IRON	***2500.00***				***5350.00***				***2590.00***				***3860.00***				***2960.00***			
LEAD	***1.00***				***3.90***				***1.30***				***3.30***				***1.00***			
MAGNESIUM	***273.00***	***B***			***865.00***	***B***			***472.00***	***B***			***990.00***				***352.00***	***B***		
MANGANESE	***22.40***				***145.00***				***48.90***				***59.40***				***27.70***			
NICKEL	2.80	B	UJ	B	3.70	B	UJ	B	2.40	B	UJ	B	3.40	B	UJ	B	2.50	B	UJ	B

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP L: METALS/WET CHEMISTRY (SOIL)

GIS_LOCID	MW-61				MW-61				MW-61				MW-61				MW-61			
LAB_EPA_NO	AC887				AC888				AC889				AC890				AC891			
Date Sampled	7/27/99				7/27/99				7/28/99				7/28/99				7/28/99			
Depth	22-24				30-32				42-44				50-52				60-62			
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
IM40MB (MG/KG) Continued																				
POTASSIUM	***182.00***	***B***	***J***	****10***	***637.00***	***B***			***258.00***	***B***			***614.00***	***B***			***219.00***	***B***		
SELENIUM	0.62	U	UJ	B,*2	0.55	U	UJ	B,*2	0.49	U	UJ	B,*2	0.49	U	UJ	B,*2	0.51	U	UJ	B,*2
SILVER	0.50	U	U		0.44	U	U		0.39	U	U		0.39	U	U		0.41	U	U	
SODIUM	130.64	U	U		115.05	U	U		102.40	U	U		102.00	U	U		107.14	U	U	
THALLIUM	0.60	U	U		0.53	U	U		0.47	U	U		0.47	U	UJ	*2	0.49	U	UJ	*2
VANADIUM	***3.60***	***B***			***4.00***	***B***			***3.50***	***B***			***4.60***	***B***			***3.20***	***B***		
ZINC	***4.60***				***13.10***				***5.50***				***8.20***				***4.80***			
MOLYBDENUM	***0.36***	***B***	***J***	****10***	***1.60***	***B***			***0.31***	***B***	***J***	****10***	***0.49***	***B***			***0.91***	***B***		
BORON	0.52	U	UJ	B	0.46	U	UJ	B	0.41	U	UJ	B	0.41	U	UJ	B	0.43	U	UJ	B
TOC (MG/KG)																				
TOTAL ORGANIC CARBON																				

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP L: METALS/WET CHEMISTRY (SOIL)

GIS_LOCID	MW-61				MW-61				MW-61				MW-61				
LAB_EPA_NO	AC892				AC940				AC893				AC894				Intentionally blank
Date Sampled	7/28/99				7/28/99				7/28/99				7/28/99				
Depth	70-72				70-72				80-82				90-92				
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
350.2M (MG/KG)																				
NITROGEN, AMMONIA (AS N)																				
353.2M (MG/KG)																				
NITRATE/NITRITE (AS N)																				
365.2 (MG/KG)																				
PHOSPHORUS, TOTAL ORTHOPI																				
CYAN (MG/KG)																				
CYANIDE	0.54	U	U		0.52	U	U		0.53	U	U		0.55	U	U					
IM40HG (MG/KG)																				
MERCURY	0.04	U	U		0.04	U	U		0.05	U	U		0.05	U	U					
IM40MB (MG/KG)																				
ALUMINUM	***711.00***				***655.00***				***926.00***				***738.00***							
ANTIMONY	0.66	U	U		0.53	U	U		0.55	U	U		0.49	U	U					
ARSENIC	***1.00***	***B***	***J***	****10***	***1.00***	***B***	***J***	****10***	***2.40***				***0.97***	***B***	***J***	****10***				
BARIUM	2.51	U	U		***2.30***	***B***	***J***	****10***	***3.90***	***B***	***J***	****10***	***3.10***	***B***	***J***	****10***				
BERYLLIUM	***0.15***	***B***			***0.10***	***B***	***J***	****10***	***0.12***	***B***	***J***	****10***	***0.12***	***B***						
CADMIUM	0.16	U	U		0.13	U	U		0.13	U	U		0.12	U	U					
CALCIUM	47.84	U	U		***48.30***	***B***	***J***	****10***	***127.00***	***B***			***71.00***	***B***	***J***	****10***				
CHROMIUM, TOTAL	***2.60***				***2.90***				***2.30***				***1.80***							
COBALT	0.60	U	U		0.49	U	U		***1.40***	***B***			0.45	U	U					
COPPER	2.10	B	UJ	B	2.20	B	UJ	B	2.80	B	UJ	B	2.00	B	UJ	B				
IRON	***2410.00***				***2290.00***				***5250.00***				***2410.00***							
LEAD	***1.50***				***1.00***				***0.96***				***1.20***							
MAGNESIUM	***253.00***	***B***			***178.00***	***B***			***330.00***	***B***			***177.00***	***B***						
MANGANESE	***14.10***				***12.10***				***42.50***				***15.00***							
NICKEL	2.40	B	UJ	B	1.10	B	UJ	B	2.50	B	UJ	B	2.10	B	UJ	B				

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP L: METALS/WET CHEMISTRY (SOIL)

GIS_LOCID	MW-61				MW-61				MW-61				MW-61							
LAB_EPA_NO	AC892				AC940				AC893				AC894				Intentionally blank			
Date Sampled	7/28/99				7/28/99				7/28/99				7/28/99							
Depth	70-72				70-72				80-82				90-92							
Method Analyte	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE	ANALYTICAL RESULT	LAB QUAL	REV QUAL	QUAL CODE
IM40MB (MG/KG) Continued																				
POTASSIUM	***163.00***	***B***	***J***	****10***	***169.00***	***B***			***264.00***	***B***			***194.00***	***B***						
SELENIUM	0.55	U	UJ	B,*2	0.44	U	UJ	B,*2	0.46	U	UJ	B,*2	0.41	U	UJ	B,*2				
SILVER	0.44	U	U		0.36	U	U		0.37	U	U		0.33	U	U					
SODIUM	115.76	U	U		***101.00***	***B***	***J***	****10***	97.47	U	U		87.01	U	U					
THALLIUM	0.53	U	UJ	*2	0.43	U	UJ	*2	0.45	U	UJ	*2	0.40	U	UJ	*2				
VANADIUM	***3.80***	***B***			***3.70***	***B***			***3.60***	***B***			***3.60***	***B***						
ZINC	***4.20***				***3.10***	***B***			***5.80***				***4.30***							
MOLYBDENUM	***0.50***	***B***			***0.51***	***B***			***0.42***	***B***			***0.56***	***B***						
BORON	0.46	U	UJ	B	0.37	U	UJ	B	0.39	U	UJ	B	0.35	U	UJ	B				
TOC (MG/KG)																				
TOTAL ORGANIC CARBON																				

Depths are measured in feet below the ground surface.